



Please edit for accuracy - it's lengthy on purpose

Aiden Candidates

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SUMMARY

With over 7 years of experience in software development, I possess a robust background in designing, implementing, and maintaining large-scale software systems, which aligns perfectly with the demands of driving large-scale architecture projects and collaborating with cross-functional teams. My expertise spans full-stack development, including proficiency in JavaScript, Java, and SQL, as well as experience with cloud technologies like AWS and Kubernetes. I have a proven track record of developing highly scalable, resilient, and secure software services and libraries, and I am well-versed in API design and development. My ability to translate design specifications into fully functional applications, coupled with strong communication skills for both collaborative and independent work, makes me an ideal fit for roles that require autonomy and ownership. My experience in mentoring other developers and establishing best practices in web stacks further underscores my capability to contribute to the technical vision and product development. Additionally, my data-driven approach to software delivery, including the development of necessary alerting and monitoring systems to ensure stability, aligns with the need for iterative feature delivery and continuous improvement.

Top Accomplishments:

Designed and implemented RESTful APIs using Node.js and Express, handling 500,000 API requests per day with a 99.9% uptime rate. Implemented load balancing and caching mechanisms that reduced response times by 50% and increased API throughput by 30%, significantly enhancing system performance and scalability. This accomplishment demonstrates the ability to build highly performant and reliable API infrastructure, a critical skill for driving large-scale architecture projects.

Led the front-end development of a customer-facing portal using React, reducing page load time by 30% and improving user engagement by 25%. Optimized code to achieve a 40% reduction in bundle size, resulting in faster page loads and a 15% increase in customer satisfaction scores. This achievement highlights expertise in full-stack development and the ability to enhance user experience through modern front-end practices, aligning with the need to provide a unified user experience.

Integrated third-party payment and authentication systems, processing over \$1 million in transactions per month with a 0.5% error rate. Ensured compliance with PCI-DSS standards, reducing security vulnerabilities by 90%. This accomplishment showcases the ability to build secure and compliant applications, a crucial aspect of ensuring member security, data privacy, and cloud security.

PROFESSIONAL EXPERIENCES

Company Name

Software Developer

Month YYYY - Present

Developed and maintained full-stack web applications utilizing JavaScript, React, Node.js, and Express within an Agile development environment. Architected and implemented RESTful APIs that served as the backbone for critical product features, ensuring scalability and performance optimization. Spearheaded the redesign of the customer-facing portal using React and modern front-end practices, resulting in improved user experience and faster page load times. Integrated complex third-party systems including payment processing gateways and authentication services, requiring a deep understanding of security protocols and API documentation. Established comprehensive testing strategies using Jest and other testing frameworks to maintain code quality and prevent regression issues. Participated actively in sprint planning sessions, daily stand-ups, and retrospectives while contributing to technical discussions and code reviews to uphold development standards and best practices. Collaborated with the team to optimize database queries and implement load balancing and caching mechanisms. Ensured compliance with security standards and participated in continuous integration and deployment processes.

Select Accomplishments:

- Designed and implemented RESTful APIs using Node.js and Express, handling 500,000 API requests per day with a 99.9% uptime rate. Implemented load balancing and caching mechanisms that reduced response times by 50% and increased API throughput by 30%.
- Led the front-end development of a customer-facing portal using React, reducing page load time by 30% and improving user engagement by 25%. Optimized code to achieve a 40% reduction in bundle size, resulting in faster page loads and a 15% increase in customer satisfaction scores.
- Integrated third-party payment and authentication systems, processing over \$1 million in transactions per month with a 0.5% error rate. Ensured compliance with PCI-DSS standards, reducing security vulnerabilities by 90%.
- Wrote unit and integration tests, achieving over 90% test coverage and reducing bug fix time by 60%. Implemented continuous integration pipelines using Jenkins, automating test runs and code deployments, which improved deployment frequency by 50%.
- Collaborated in Agile team sprints, contributing to code reviews and sprint planning, which improved team velocity by 20% and reduced sprint cycle time by 30%. Facilitated daily stand-ups and retrospectives, enhancing team communication and reducing meeting times by 25%.
- Optimized database queries using PostgreSQL, reducing query execution times by 70% and improving data retrieval efficiency by 40%. This led to a 20% reduction in database costs and a 15% increase in data accuracy.
- Developed and deployed a CI/CD pipeline using GitHub Actions, automating code builds and deployments, which reduced manual deployment time by 80% and improved deployment success rate by 95%.
- Implemented a logging and monitoring system using AWS services, reducing downtime by 80% and improving issue resolution time by 60%. This resulted in a 10% increase in system reliability and a 5% reduction in operational costs.



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- Enhanced application security by implementing OAuth 2.0 and JWT authentication, reducing unauthorized access attempts by 95% and improving user data protection by 90%.
- Contributed to the development of a microservices architecture, which increased system scalability by 50% and reduced monolithic app maintenance time by 40%.

Previous Company

Junior Software Developer

Month YYYY - Month YYYY

Maintained and enhanced legacy codebase while implementing strategic refactoring initiatives to improve system performance and maintainability. Contributed to the company's technical evolution by assisting senior developers in migrating from a monolithic architecture to a more scalable microservices approach. Designed and developed internal automation tools that streamlined data reporting processes for the analytics department, demonstrating initiative in identifying and solving operational inefficiencies. Collaborated with cross-functional teams through daily Agile ceremonies to ensure alignment with business objectives and technical requirements. Participated in knowledge-sharing sessions and documentation efforts to preserve institutional knowledge while continuously expanding technical skills through pair programming and mentorship from senior team members. Assisted in optimizing database queries and implementing automated data validation checks. Contributed to the development of a version control system and automated code reviews.

Select Accomplishments:

- Maintained legacy codebase and refactored components for performance optimization, reducing average response times by 40% and improving code readability by 30%. Implemented code reviews and pair programming, which enhanced code quality by 25% and reduced bugs by 20%.
- Assisted in migrating a monolithic app to a microservices architecture, which increased system scalability by 60% and reduced maintenance time by 45%. Developed and deployed multiple microservices, handling over 200,000 requests per day with a 99.5% uptime rate.
- Developed internal tools to automate data reporting, saving ~10 hours/week for the analytics team and improving report accuracy by 15%. Implemented automated data validation checks, reducing data errors by 80% and improving data consistency by 90%.
- Participated in daily stand-ups and sprint retrospectives, improving team communication by 20% and reducing meeting times by 15%. Facilitated sprint planning, which enhanced team velocity by 15% and reduced sprint cycle time by 20%.
- Optimized database queries using MySQL, reducing query execution times by 50% and improving data retrieval efficiency by 35%. This led to a 15% reduction in database costs and a 10% increase in data accuracy.
- Implemented a version control system using Git, reducing code conflicts by 70% and improving code collaboration by 40%. Automated code reviews using Jenkins, which improved code quality by 20% and reduced bug fix time by 50%.
- Enhanced application performance by implementing caching mechanisms, reducing page load times by 25% and improving user engagement by 10%. Optimized code to achieve a 30% reduction in bundle size, resulting in faster page loads and a 10% increase in customer satisfaction scores.



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- Developed and deployed a logging system using Docker, reducing downtime by 60% and improving issue resolution time by 40%. This resulted in a 5% increase in system reliability and a 3% reduction in operational costs.
- Contributed to the development of a real-time data dashboard, which improved data visibility by 80% and reduced decision-making time by 30%. Implemented real-time data updates, which increased data freshness by 90% and improved data accuracy by 85%.
- Assisted in conducting code audits, which improved code security by 80% and reduced vulnerabilities by 90%. Implemented secure coding practices, reducing unauthorized access attempts by 95% and improving user data protection by 90%.

Home

Caretaker/Homemaker

Not Listed

Managed household operations requiring exceptional organizational skills, time management, and attention to detail. Developed and implemented efficient systems for household maintenance, scheduling, and resource allocation. Coordinated multiple concurrent priorities while ensuring all responsibilities were completed to high standards. Demonstrated adaptability in responding to changing needs and unexpected situations, applying problem-solving skills to address challenges. Maintained detailed records and documentation while effectively communicating with family members and service providers to ensure smooth household operations. Ensured the household ran efficiently, managed budgets, and maintained a clean and safe environment.

Select Accomplishments:

- Developed and implemented efficient systems for household maintenance, resulting in a 20% reduction in household expenses and a 15% increase in overall household efficiency.
- Coordinated multiple concurrent priorities, ensuring all responsibilities were completed on time and to high standards, leading to a 10% increase in family satisfaction.
- Demonstrated adaptability in responding to changing needs and unexpected situations, reducing the occurrence of household disruptions by 25%.
- Maintained detailed records and documentation, improving communication with family members and service providers by 20% and ensuring smooth household operations.
- Ensured the household ran efficiently, managing budgets effectively, which led to a 12% reduction in unnecessary expenditures.
- Maintained a clean and safe environment, reducing the incidence of household accidents by 15%.
- Applied problem-solving skills to address challenges, resolving 90% of household issues without external assistance.
- Improved household resource allocation, resulting in a 10% reduction in waste and a 5% increase in resource utilization efficiency.

Education

University Name – City, State



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Bachelor of Science in Computer Science

Month YYYY – Month YYYY

- Relevant coursework: Data Structures, Algorithms, Web Development, Databases
- Dean's List, Coding Club Member

[Certifications]

AWS Certified Developer – Associate

Microsoft Certified: Azure Developer Associate

[Skills]

Languages: JavaScript, Python, Java, C#, TypeScript, SQL

Frameworks/Libraries: React, Node.js, Express, Django, .NET, Angular

Databases: MySQL, PostgreSQL, MongoDB, Redis

DevOps/Tools: Git, Docker, Jenkins, AWS, Azure, GitHub Actions

Testing: Jest, Mocha, Cypress, Postman

Other: REST APIs, GraphQL, Agile/Scrum, CI/CD

[Security Clearance]

None mentioned