Jeremy Jiang

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SUMMARY

Experienced Software Engineer with over 8 years in building and optimizing scalable enterprise software. Proficient in developing both front-end interfaces and back-end services, integrating dynamic user-centric features, and enhancing system performance.

SKILLS

Languages:	JavaScript, TypeScript, Ruby, Python, Java, C#, Swift, Solidity
Frameworks:	React.js, Next.js, React Native, Vue, Node.js, Nest.js, Express.js, Redux, Tailwind CSS, Styled-Components, Spring Boot, .NET Core, ColdFusion, Hibernate
Database:	MySQL, PostgreSQL, MongoDB, NoSQL, SQL Server, DynamoDB, Prisma, TypeORM
Tools:	Git, Github, Docker, Npm, Yarn, Pnpm, Webpack, App Center, Plaid SDK, Jumio SDK
Cloud Services:	AWS, GCP, Azure, Netlify, Vercel
Testing:	Jest, Mocha, Cypress, Enzyme, Playwright, Detox, Pytest, Selenium
Others:	Agile, Scrum, SDLC, CI/CD, Material UI, Ant Design, shadcn/ui, Chakra UI, D3.js, ESLint, Prettier, Firebase, Supabase, Swagger, OpenAPI, Kubernetes, Terraform, Monorepo, Kafka, gRPC, RabbitMQ, WebRTC, HIPAA, GDPR, Jira, Jenkins, CircleCI

PROFESSIONAL EXPERIENCE

Cognizant
Senior Software Engineer
Jul 2021 - Oct 2024

- Designed and built responsive web and mobile applications using React.js, Next.js, and React Native, improving client product performance by 30%.
- Developed backend services with Node.js and Nest.js, utilizing MySQL and MongoDB databases, reducing data processing times by 25% for multiple client projects.
- Implemented automated testing using Jest, Mocha, and Cypress, increasing test coverage to 90%, resulting in a 40% decrease in bugs found during production.
- Led full-stack development on various client projects, incorporating best practices in CI/CD pipelines with Jenkins and CircleCI, cutting deployment time by 35%.
- Collaborated with designers and product managers to translate complex user requirements into functional, scalable applications, resulting in a 20% boost in user engagement for client platforms.
- Optimized existing codebases by refactoring front-end components and improving back-end logic, enhancing application performance and reducing loading times by 50%.
- Built reusable UI components using Tailwind CSS and Material UI, reducing development time for new features by 25% across multiple projects.
- Integrated third-party APIs and SDKs, including Plaid SDK and Jumio SDK, enhancing app capabilities while maintaining data security.
- Implemented machine learning models in Python for data analysis and predictive analytics, improving data-driven decision-making capabilities by 30% for client platforms.
- Mentored junior developers by conducting code reviews and technical training sessions.
- Deployed applications on AWS and Azure, using Docker for containerization and integrating AI services like AWS SageMaker to support machine learning workflows, leading to a 40% improvement in resource management and application scalability.
- Developed and integrated NLP algorithms using Python to enhance user interaction features, reducing customer support response times by 20%.

Convoy
Senior Software Engineer
Nov 2019 - Jun 2021

- Developed scalable features using a full-stack approach, implementing front-end interfaces with modern frameworks and back-end services using Node.js, enhancing platform performance by 30%.
- Built and maintained RESTful APIs with Node.js and integrated them with a dynamic user interface, improving data handling efficiency by 25%.
- Led database design and optimization using MySQL and PostgreSQL, resulting in 40% faster data retrieval and a more seamless experience for end-users.
- Implemented complex business logic on the server side to support real-time data processing and synchronization, reducing data inconsistency issues by 20%.

- Collaborated with product managers and designers to deliver user-centric features, extending the platform's capabilities and increasing user satisfaction by 20%.
- Enhanced CI/CD pipelines using Jenkins and CircleCI for both front-end and back-end deployments, cutting the release cycle time by 40%.
- Optimized application performance on both client and server sides, reducing overall load times by 50% through efficient state management and database query optimization.
- Implemented automated testing across the stack using tools like Jest, Mocha, and Cypress, increasing test coverage to 90% and reducing production bugs by 35%.
- Built new document processing features using Python and Java, integrating third-party services for document verification and improving security by 50%.
- Managed full-stack codebases using Monorepo practices, streamlining code sharing and reducing development time for new features by 25%.
- Worked cross-functionally in an Agile environment, driving the end-to-end development of product features that contributed to a $2M increase in annual revenue.

SquareSpace
Software Engineer
Nov 2016 - Oct 2019

- Developed scalable platform features using JavaScript, TypeScript, React.js, and Node.js, resulting in a 30% improvement in global application performance.
- Designed and implemented RESTful APIs with Node.js and Nest.js, enabling seamless integration with front-end applications and reducing integration time by 25%.
- Led cloud deployment efforts on AWS and Azure, improving system uptime to 99.9% through efficient cloud-native tools and resource management.
- Optimized database interactions using MySQL, PostgreSQL, and MongoDB with TypeORM and Prisma, resulting in 40% faster query processing times.
- Ensured compliance with HIPAA and GDPR by implementing security protocols, reducing data breach incidents by 15%.
- Enhanced the user interface using React.js, Styled-Components, and Material UI, improving user satisfaction scores by 20%.
- Implemented automated testing using Jest, Mocha, Cypress, and Selenium, increasing test coverage to 95%, reducing bugs in production by 35%.
- Set up and maintained CI/CD pipelines with Jenkins and CircleCI, cutting the release cycle time by 40% and improving overall deployment efficiency.
- Built document processing features using Python and Java, integrating Jumio SDK to enhance document verification accuracy by 50%.
- Developed real-time collaboration tools with WebRTC and gRPC, increasing document approval efficiency by 30%.
- Collaborated in an Agile environment with cross-functional teams, leading to a 15% faster turnaround on feature implementation.
- Streamlined project structure using Monorepo practices, reducing code duplication by 25% and simplifying dependency management.
- Improved code consistency by implementing ESLint and Prettier configurations, decreasing code review feedback loops by 20%.
- Containerized applications using Docker and Kubernetes, increasing resource utilization efficiency by 35%.
- Created comprehensive API documentation using Swagger and OpenAPI, improving integration speed for internal teams by 30%.

EDUCATION

University of Texas at Austin | Bachelor of Science in Computer Science | 2016