Jay Ganatra

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SUMMARY

Highly motivated Frontend Engineer with a strong background in end-to-end full stack and mobile development. Successfully developed user-friendly interfaces, optimized back-end systems, reviewed code, and improved data accessibility. Committed to innovative problem-solving, creative development, and continuous learning.

TECHNICAL SKILLS

- **Proficient:** JavaScript/TypeScript, React JS, Next.js, React Native, Jest, Figma, HTML, CSS, SASS/SCSS, LESS, Tailwind CSS, Material UI, RadixUI, Node.js, ES6, Git, GitHub, GitHub Actions, Jenkins, Docker, Jira, Angular JS, Vue JS, Webpack, REST, GraphQL, Vercel, DevOps, Unit Tests, Testing, Terraform, Canvas, SEO

- **Exposure:** Kotlin, Python, Django, MySQL, MongoDB, SQLite, SQL, Firebase, Android Studio, WordPress, ECS, Swift, Scrum, Android SDK, Lambda, Express, Flutter, npm, Redis, RDS, Hadoop, NoSQL, SwiftUI, Unity, YAML, yarn, Azure, Asana, SaaS, Agile Development, Containerization, Kubernetes, Apache, Apache Kafka, Cloud Computing, AWS, Axios, .NET, C#, C++, C, Dart, Crypto, Django Rest Framework, Flask, Figma, Gitlab, SDLC, Computer Networking, PostgreSQL, UI/UX, Heroku, Nginx, Swagger, TensorFlow, Data Structures, Web Security, Google Cloud, Caching, Web Design, Web Development, Objective-C, Oracle, SwiftyJSON, Visual Studio Code, Xcode, Pandas, Nodemailer, Selenium, Beautiful Soup, Apollo, IoT

WORK EXPERIENCE

Syracuse University | Fullstack Engineer Intern | Remote   May 2024 – Present
- Developing a finance manager app, with social features, implementing a multi-platform mobile app using React Native, a .NET MVC, MSSQL database with EF-Core, and Amazon Web Services as cloud platform, focusing on best practices & robust architecture.

Syracuse University | Teaching Assistant | Syracuse, NY   August 2023 – December 2023
- Supported and facilitated learning alongside the professor for a class of 80 students. Conducted review sessions and office hours, providing support and clarifying complex concepts in cryptography.

SQOR Technologies Inc. | Software Engineer Intern | New York, NY   July 2023 – August 2023
- Redesigned SQOR's business intelligence platform, collaborating in a cross-functional team, optimizing API utilization and response times, resulting in significant enhancements in system performance.
- Developed a robust backend system with MongoDB and Nodejs, seamlessly integrating AWS S3 for scalable file storage solutions, and AWS Cognito & OAuth2 for handling authentication.
- Implemented a CI/CD pipeline using GitHub Actions, Docker and AWS, for secure server hosting.
- Refactored redundant service calls and implemented middleware, optimizing back-end response times achieving a 50% reduction through simplified API calls.
- Revolutionized user interface and experience by employing advanced React hooks and techniques with Material UI in front end to achieve a 30% improvement in user engagement through enhanced responsiveness, load times and cross-browser compatibility.

MindScript | Fullstack Developer | Remote   February 2021 – August 2022
- Launched a centralized platform for 7 educational institutes by integrating ReactJS and Redux for frontend and Node for backend functionality, resulting in an improved data accessibility for 2000+ students.
- Designed new features and resolved bugs in an agile development cycle, leading a team of 3, ensuring high-quality code standards were maintained by performing automated testing using Jest and Cypress and performing code reviews.
- Assessed and optimized website's operational performance using Google Analytics and Webpack, identifying improvement areas.
- Architected configurable data models, allowing institutions to create and share custom form layouts, significantly enhancing onboarding efficiency and collaboration across multiple organizations, ensuring compliance with data protection standards.
- Designed and implemented an intuitive and visually appealing user interface using Figma, ensuring alignment with MindScript's branding objectives and significantly enhancing customer satisfaction and interface usability.

Eyuva Technologies | Software Engineer Intern | Remote   December 2019 – January 2020
- Created an in-house portal using PHP and Postgres for back end, jQuery, AJAX and Bootstrap for responsive design to centralize stock management, using Git for version control, reducing inventory time by 20%, and boosting user satisfaction by 30%.

EDUCATION

Master of Science – Computer and Information Science, *Syracuse University*   August 2022 – May 2024
Bachelor of Technology – Information Technology, *Mumbai University*   August 2018 – May 2022

PROJECTS

ReactChess | Full-Stack
- Worked on a Chess Engine in Node.js. Implemented custom Chess Board UI using React and TailwindCSS. Planning to include Socket.io to manage multiplayer live games.

DSA Visualizer | Frontend
- Developed a step-by-step visualizer for different DSA algorithms, in a way learning different problem-solving techniques.
- Integrated React.js, TailwindCSS, shadCN/ui for a responsive and modern frontend portal.

Event Management System | Full-Stack
- Redesigned KJSIEIT's event management platform, integrating PHP, and MySQL for backend and HTML, CSS, Bootstrap, jQuery for front-end, transitioning from a manual system, effectively reducing the time required to organize an event by 85%.
- Developed an end-to-end solution, by collaborating with over 100 faculties and 4 department heads to gather requirements.

GPSEquity | iOS
- Collaborated in a team of 3 to develop an iOS Stock Price Tracker app, focusing on integrating Yahoo Finance and YouTube APIs.
- Implemented Firebase Authentication for secure user login and an AMA page powered by the Gemini Ultra API.