



BRANDON BEGAY

SENIOR FULL STACK ENGINEER

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SUMMARY

Senior Full Stack Engineer skilled in React, Node.js, and Django. Proven expertise in scalable application development and team leadership. Strong problem-solving abilities and up-to-date with industry trends. Effective communicator, ensuring client satisfaction and delivering high-quality solutions.

PROFESSIONAL EXPERIENCE

Senior Full Stack Engineer | Toptal

San Francisco, CA | MAY 2020 - Present

- Designed and developed 5+ **e-commerce** applications utilizing **React**, **React Native**, **Node.js**, **GraphQL**, **RESTful API**, **PostgreSQL**, **MongoDB** and **AWS**.
- Collaborated in migrating application from monolithic to **microservice** architecture using **Angular** and **Django**, resulting in a 50% improvement in scalability and enhanced maintainability and performance.
- Engineered server-side logic and **RESTful APIs** using **Node.js** and **Django**, leveraging its event-driven architecture and non-blocking I/O model to deliver scalable and high-performance backend services.
- Developed an interactive and responsive 3D graphics design feature using **Three.js**, resulting in an 80% increase in user engagement and significantly enhancing the user experience.
- Strengthened **API security** by implementing robust authentication and authorization mechanisms, leveraging industry-standard protocols like **OAuth**, **Okta**, and **JWT**.
- Implemented an event-driven and microservices architecture on **AWS** utilizing **Lambda**, **API Gateway**, **EC2**, **S3**, **SQS**, **SNS**, **DynamoDB**, and **Cognito**, leading to a 30% improvement in scalability, increased reliability, and cost-effectiveness.
- Optimized platform performance by implementing **load balancing** techniques, **Redis caching**, and **CDNs**, resulting in a 70% improvement in speed and responsiveness metrics.
- Established an end-to-end **CI/CD** pipeline across multiple repositories, leveraging industry-leading tools such as **Jenkins** and **Docker** to automate testing and deployment workflows.
- Conducted detailed code reviews, averaging 200 lines of code per review, leading to a 30% reduction in bugs and significant improvement in code quality.
- Proficient in **Agile** methodologies, specifically utilizing **Scrum** practices, to ensure efficient project management, seamless collaboration, and iterative development.

Full Stack Engineer | ScienceSoft

McKinney, TX | JAN 2017 - MAY 2020

- Developed 3 feature-rich e-learning platforms using **React**, **React Native**, **Spring Boot**, **Django** and **Node.js**, combining modern front-end techniques with robust back-end functionality.
- Developed responsive user interfaces with **React**, delivering intuitive and engaging learning experiences for students across multiple devices, resulting in a notable 20% increase in user engagement.
- Leveraged the capabilities of **Node.js** and **Django** to architect a scalable and secure back-end solution, seamlessly integrating with databases and external APIs, resulted in a significant 20% improvement in efficiency and performance in managing course content, user progress, and assessments.

Full Stack Engineer | GetDevDone

San Francisco, CA | JUN 2014 - JAN 2017

- Translated **Figma** designs into pixel-perfect, mobile-first, and responsive web applications using **HTML5**, **CSS3**, **Material UI**, and **Bootstrap**, achieving 95% fidelity to the original designs.
- Developed data analysis charts and diagrams for an E-commerce platform using **React**, **Redux**, **Tailwind CSS**, and **D3.js**, resulting in enhanced data visualization and a 100% increase in customer satisfaction through a functional admin dashboard built from scratch using **TypeScript**, **React**, and **Redux**.
- Elevated code quality by migrating a complex legacy **JavaScript** codebase to a modern and scalable system using **TypeScript**, while implementing automated testing with **Jest**, **Mocha**, and **Cypress** for improved reliability and robustness.

SKILLS

- JavaScript / TypeScript
- React / React Native / Redux
- Python / Django
- Java / Spring Boot
- Node.js / Express.js / Nest.js
- Angular / Vue.js / Next.js
- HTML / CSS / SCSS
- Bootstrap / MUI / TailwindCSS
- Socket.io / WebRTC
- Docker / Kubernetes
- MongoDB / PostgreSQL / MySQL
- RESTful API / GraphQL
- AWS / GCP
- Jest / Cypress

EDUCATION

Stockholm University | 2010 - 2014

Bachelor's Degree in Computer Science