

DANIEL PARIS

Staff Software Engineer

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Strategic Software Engineer with 10+ years of experience architecting scalable web solutions and optimizing system performance. Led the end-to-end development for an Edtech startup, securing \$5M in early-stage funding. Revamped the architecture of a retail e-commerce platform, optimizing infrastructure costs by 30%. Committed to building innovative solutions that drive business value, collaborating with cross-functional teams, and mentoring engineers on real-world projects.

SKILLS

Programming Languages: JavaScript (ES6+), TypeScript, Ruby, HTML, CSS, SCSS/SASS

Frontend: React, Next.js, Redux, Zustand, React Query, Storyblok, Payload

Backend: Node.js, Express.js, NestJS, Ruby on Rails, GraphQL, RESTful APIs, gRPC, Socket.io

Databases: PostgreSQL, MySQL, SQLite, MongoDB, Elasticsearch, Firebase, Prisma, Redis, Celery

Cloud & DevOps: AWS, Azure, GCP, Docker, Kubernetes, Terraform, Jenkins, CircleCI, GitHub Actions (CI/CD)

Testing & Automation: Jest, Mocha, RSpec, Cypress, Storybook, Playwright, OpenAPI, Swagger, Postman

Monitoring & Logging: Elasticsearch, Logstash, Kibana, Prometheus, Grafana, Datadog, New Relic

Project Management: Git, GitHub, Agile, Scrum, Kanban, JIRA, Confluence, Slack, Trello, Notion

EXPERIENCES

Innostax Tech LLC

Remote, MA

Senior Software Engineer

08/2020 – 02/2025

- Led the design and development of a scalable platform for an Edtech startup, leveraging Ruby on Rails, TypeScript, Node.js, PostgreSQL, and GraphQL, improving system efficiency by 40% and securing \$5M in seed funding.
- Directed the full-cycle development process for an innovative CRM system leveraging React, Next.js, and Elasticsearch, enhancing data retrieval speed by 50% and increasing sales efficiency of 35%, and elevating overall customer loyalty.
- Leveraged ELK Stack for real-time analytics and search functionality, improving search query performance by 60%.
- Implemented secure authentication and role-based access control (RBAC) using JWT and OAuth 2.0, integrated with AWS Cognito to enable seamless SSO, enforce granular permissions, and ensure compliance with data security regulations.
- Designed and implemented CI/CD pipelines using Circle CI and Docker, AWS Fargate, and Amazon EKS, resulting in a 75% increase in deployment frequency and enabling faster release cycles for critical updates and features.
- Established an Infrastructure as Code solution using Kubernetes and Terraform, which reduced infrastructure costs by \$200,000 annually, streamlining the deployment process and ensuring high availability.
- Embedded unit testing practices using Jest and RSpec, to maintain software quality, which helped identify 25 bugs in the initial stages of development, significantly improving the reliability before full deployment.
- Collaborated cross-functionally with product managers, designers, and stakeholders to define technical requirements and prioritize feature development, leading to the successful delivery of 10+ scalable solutions.

GrubMarket Inc. (Startup)

Remote, CA

Full Stack Engineer

08/2017 – 07/2020

- Revamped the retail e-commerce platform, migrating from a monolithic Java-based legacy system to a modern stack with React and Node.js, enhancing maintainability and reducing long-term operational costs by 30%.
- Optimized MySQL database performance by refactoring 50+ SQL queries and integrating Redis caching, reducing query response time from 500ms to under 100ms, which led to a 25% increase in user retention due to faster load times.
- Leveraged event-driven architectures with Apache Kafka and RabbitMQ, processing 1 million+ events daily for real-time data synchronization, resulting in a 50% improvement in data consistency and a 40% reduction in latency.
- Enhanced frontend performance and SEO, implementing server-side rendering (SSR), structured data markup, and optimized meta tags, leading to a 40% reduction in page load time and a 20% increase in organic traffic in three months.
- Mentored a team of 5 engineers, implementing best practices in code reviews, system design, and technical documentation, resulting in a 30% reduction in code defects and a 20% improvement in delivery speed.

Custom Ink

Fairfax, VA

Full Stack Developer

08/2015 – 07/2017

- Designed and developed an interactive custom apparel design tool with JavaScript, React, and HTML5 Canvas, offering real-time previews and seamless customization, driving 1M+ unique designs annually and boosting sales by 25%.
- Built and maintained backend services using Node.js with Express.js, handling 50,000+ orders and 20,000+ customer records annually, which improved order fulfillment efficiency by 30% and reduced system downtime by 20%.

EDUCATION

James Madison University

Harrisonburg, VA

B.S. Computer Science

09/2011 – 07/2015