DANIEL PARIS
Senior 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 of a supply chain management system, boosting customer acquisition by 30%. 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, HTML, CSS, Python, Pyspark

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

Backend: FastAPI, Django, Flask, Node.js, RESTful APIs, GraphQL, gRPC

Databases: PostgreSQL, MySQL, MongoDB, Firebase, Prisma, Drizzle, TypeORM, SQLAlchemy, Alembic, Redis, Celery

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

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

Data Processing: Apache Spark, Airflow, Hadoop, Pyspark, Databricks, Snowflake, SAP, Rapidminer, Redshift, BigQuery

EXPERIENCES

Innostax Tech LLC — Remote, MA
Senior Software Engineer — 08/2020 – 02/2025

- Led the design and development of a scalable supply chain management platform, leveraging React, Python, FastAPI, PostgreSQL, GraphQL, and integrating AI, VR, and Fintech solutions, which resulted in 30% increase in customer acquisition.
- Developed AI-driven customer service features with AWS SageMaker that processed upwards of 10,000 queries per week, thereby increasing customer service efficiency significantly.
- Created a high-performance, scalable data processing pipeline using Python, Apache Airflow, and AWS services (S3, Lambda, DynamoDB), resulting in a 150% increase in data processing speed and a 35% reduction in infrastructure costs.
- Optimized the existing SAP environment by deploying SAP Basis configuration strategies, leading to a 30% reduction in system downtimes over a period of 6 months.
- Architected and scaled microservices infrastructure, designing independent, scalable services using Node.js, NestJS, FastAPI and gRPC, enabling system to seamlessly handle a 3x more concurrent user requests with zero performance degradation.
- Designed and implemented CI/CD pipelines using Jenkins, Docker, AWS Fargate, and Amazon ECS, resulting in a 75% increase in deployment frequency and enabling faster release cycles for critical updates and features.
- Engineered a real-time monitoring framework using Databricks and Python for data analytics, processing over 500GB of data monthly to gain actionable insights.
- 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.

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 Django REST framework, enhancing maintainability and reducing long-term operational costs by 30%.
- Optimized PostgreSQL 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.
- Architected and implemented a scalable mobile application platform using Google Cloud Platform (GCP) and Kubernetes, enhancing app deployment efficiency and reducing time-to-market from three months to just three weeks.
- 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.

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 Python with Django and Flask, 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