Leander Paul
Full Stack Web Developer

Full stack developer with over 7 years of experience in designing and developing scalable and maintainable software solutions. Passionate about learning new technologies and solving complex problems. Proven ability to leverage full-stack knowledge and experience to build interactive and user-centred website designs to scale. Previous accomplishments include reducing the load of the application by 60%, improving the response time of the application by 20%, and reducing the cost of the product by 75% by implementing auto-scaling mechanisms.

Relevant Experience

Backend Developer @ **Sphere IT Consultants**, Dubai
Client: Emirates NBD Bank
March 2024 — Present

- Built 9+ NodeJS microservices using Express framework to support the credit card application journey
- Built multi-factor authentication (MFA) using SMS, IVR, and Number Matching authentication based on configurable flows
- Engineered APIs for fetching customer credit card details and dynamic credit limit computation via external services
- Automated testing for all APIs using a custom-built suite, **achieving 95% code coverage and reducing manual testing time by 50%**

Backend NodeJS Developer @ **WTV**, London
March 2023 — September 2023

- Architect-ed scalable micro-services with inter-service communication using RabbitMQ for enhanced reliability
- Developed MongoDB schemas optimized for performance under real-world query patterns
- Created comprehensive API documentation using Swagger for seamless frontend integration
- **Achieved a 30% reduction in system downtime** by optimizing microservice messaging with RabbitMQ and Docker-based deployments

Member Technical Staff @ **Zoho**, Chennai
January 2020 — August 2022

- Optimized application's data processing speed by over 40% using advanced cache management techniques in Redis
- **Reduced Redis CPU usage by 60%** and improved the reliability of the caching system
- Introduced a hierarchy-based role management system to facilitate authorization like Linux file system permissions improving performance by 40%
- Mentored 3 junior developers on the team and documented best practices within the organization

Full Stack Web Developer @ **Phosphene AI**, Chennai
April 2018 — January 2020

- Led architecture, design and development of 20+ new features and 35+ components in react
- Deployed applications on AWS, achieving a 99% uptime on small-sized servers, saving 30% in cost
- Implemented auto-scaling mechanism in the application logic for image upscaling application, **reducing the cost by 75%**
- Reduced load time by 30% and made the web application SEO compliant

Full Stack Web Developer @ **Freelance**
April 2017 — March 2018

- **Built and deployed 2 web applications** (Bluebell - a frontend form app, and Jute Emporium - an e-commerce site)
- Integrated Razorpay for secure online payments and implemented dynamic order tracking with email notifications
- Developed custom admin panels for stock and order management
- Deployed both apps on AWS EC2, ensuring scalability and uptime

Contact

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Skills

Technical Languages
JavaScript, TypeScript, HTML, CSS, Sass, Java, Rust, Python

Libraries & Frameworks
Express, NestJS, Mongoose, Fastify, GraphQL, React, Angular, Vue, NextJs, Tailwind

Tools & Platforms
Git, Github, MongoDB, MySQL, Docker, Vercel, AWS, Linux

Hard skills
Agile Methodology, Database design, Design Patterns, CI/CD, Testing, Security, APIs

Soft skills
Leadership, Teamwork, Communication, Problem Solving, Critical thinking, Time Management, Adaptability

Education

Masters in Computer Science
Queen Mary University of London
Grade: Distinction

Bachelors in Information Technology
Anna University
Grade: First Class

Selected Projects

Shadow Applications
A dependency-injection-based framework inspired by NestJS with enhanced modular architecture. Eliminates global modules and duplicate tokens while supporting SOLID principles, lifecycle hooks, and circular dependency resolution.

Shadow Accounts
A centralized IAM system for managing authentication and authorization across microservices. Built with NestJS and designed for multi-service environments.