Saurabh Pandey

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Summary — Experienced Software Engineer with 3 years in backend development, web application architecture, and scalable system design. Proficient in **JavaScript, TypeScript, and Node.js**, with expertise in API development, microservices, and cloud deployments. Hands-on experience in building secure and scalable payment solutions using third-party payment gateways like **Stripe**. Adept at developing and optimizing payment systems to enhance transaction efficiency and user experience. Passionate about delivering seamless digital experiences through high-performance solutions.

Skills

Languages	JavaScript, Node.js, TypeScript, HTML, CSS
Database	MongoDB, MySQL
Payments	Stripe, Firebase, Eko
OS	Linux (user level), macOS, Windows
Tools	Git, Bitbucket, AWS, GitHub, Jira
Testing	Docker, Jenkins, Postman

Experience

Myqsoft Infotech Pvt Ltd   **Feb 2024 – Present**
Software Engineer (Backend)

- **Engineered** a high-performance e-commerce platform for **Fotokasten.de**, enabling users to create and order personalized photo products.
- **Migrated** an existing system from **PHP to Node.js**, optimizing API response times and enhancing user experience.
- **Designed and implemented** robust authentication and authorization APIs, ensuring data security and user access control.
- **Enhanced** data accessibility with interactive dashboard widgets, improving user engagement.
- **Developed** an offline-capable **Electron.js** desktop application with **Angular and TypeScript**, ensuring maintainability and scalability.
- **Containerized** applications using **Docker** for efficient deployment.

Revidd   **Mar 2022 – Jan 2024**
Software Engineer (Backend)

- **Developed** unit and integration tests using **Mocha, Chai, and Sinon**, ensuring code reliability.
- Worked on a no-code video streaming solution for **OTT, Live Streaming, and Linear Channels**.
- Developed backend services responsible for **user management APIs, organization APIs, and notifications**.
- Followed a microservice architecture where individual services handled specific responsibilities like **authentication, payment integration** (using Stripe), and notifications.
- Implemented a **middleware service** for seamless communication between multiple microservices.
- Built notification services using **AWS SNS** for email notifications and **Firebase** for push notifications.
- Integrated third-party **payment gateways** like **Stripe** to ensure secure transactions.

Education

Lovely Professional University   **July 2023 – July 2025**
(Master of Computer Application)

Kumaun University Nainital   **July 2018 – July 2021**
(Bachelor of Science)

St. Francis Senior Secondary School   **Apr 2017 – Apr 2018**
(Higher Secondary Certificate)

Projects

E-Commerce and Book Management Platform   **Aug 2021 – Feb 2022**

- **Developed** a full-fledged **e-commerce backend**, implementing **RESTful APIs** for **user management, product handling, order processing, and cart functionality**.
- **Implemented JWT-based authentication and authorization**, ensuring secure access to protected endpoints.
- **Designed and optimized a book review system**, enabling users to **delete reviews, rate books, and prioritize recommendations** based on preferences.
- **Enhanced** API efficiency by implementing **caching and indexing**, improving response times and database performance.