Mahavir Goyal

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Summary

Software Developer with 2 years of experience in Node.js, backend development, microservices, and RESTful APIs. Skilled in automation and DevOps tools like Docker and Jenkins.

Experience

Software Developer Engineer 1, Skeps – Gurugram   July 2023 – Present

- Led development and maintenance of **Loan Application** and Management **Dashboard**, **scaling** the product to support the systems of 9+ **individual lenders**. Proficient in **ES6** and **CommonJS** versions of **Node.js**.
- Integrated **RabbitMQ** to cut webhook failures by **40%** and enable sticky sessions.
- Engineered seamless third-party integrations (**Plaid, TurnKey**) for **banking reports** and automated loan management processes. Successfully **onboarded 4+ banking clients**, improving **operational efficiency** by **20%**.
- Achieved **95% test coverage** by developing robust unit tests using **Mocha**, **Chai**, **Jest**, and **Sinon**.
- Developed a **Report Service** for automating **credit report generation** and **fraud evaluation** .
- Enhanced **Health Check** Service to ensure microservice stability and presented **5+ tech talks** on various software tools
- Implemented **LLM**-powered chatboard to provide application log insights to non-technical teams (Support, Product, QA).
- **Automated** daily report generation and batch processing with **Shell/Bash scripts,** reducing processing time by **15%** and cutting manual effort by **30%.**
- Received the **SPOT Award** for developing an **end-to-end integration product** for a leading bank.
- **Tech Stack:** Node.js, Express, MySQL, MongoDB, Docker, Azure, Jenkins, Redis, BlockChain.

Full Stack Developer Intern, RR Group – Remote,   November 2022 – June 2023

- Architected Petika, an **e-commerce website** for box packaging, using **Next.js** and **MongoDB**, launched via **Vercel**, leading to a **30% increase in revenue**.
- Led a team of **5+ interns** to build **3 internal tools** and **2 company websites**, ensuring **on-time** project delivery.

Full Stack Developer Intern, Qosh.AI – Remote,   January 2022 – July 2022

- Developed the **QoshAI app**, a **Quora-like platform for businesses**, using **FastAPI** (backend), **Flutter** (UI), and **PostgreSQL** (database), delivering the project in **6 months**
- Deployment using **Docker** and ensured **cross-platform functionality** by testing on **Android Emulator**.

Technical Skills

- **Programming Languages**: JavaScript (ES6+), TypeScript, Python, C++, Solidity
- **Database**: MySQL, MongoDB, Redis
- **Problem Solving**: Data Structures and Algorithms
- **Version Control**: Git, GitHub
- **Miscellaneous**: Agile/Scrum, OOPS, SOLID Principles, Code Review, Team-collaborative.

- **Backend Technologies:**Node.js, Express, FastAPI, RESTful APIs, Microservices
- **Cloud & DevOps**: Docker, Azure, AWS, Jenkins, CI/CD pipelines
- **Testing**: Mocha, Chai, Sinon, Jest, Pact
- **Documentation**: Confluence, Jira
- **Familiar With**: Flutter, React, Next.Js, Dart, Machine Learning

Projects

SplitWise Clone   application Link

- Designed a **Splitwise-like app** with a **scalable microservices architecture**, handling group expenses with features like authentication and notifications using **SendGrid**. **github-link**
- **Backend**: Built with **Node.js** and **Express**, leveraging **MySQL** and deployed on **AWS EC2** with **Docker** and **PM2**.
- **Frontend:** Created with **React** and **Tailwind CSS** for a responsive user Interface.
- **Security**: Applied an **API gateway** and **SSL encryption** for secure communication.

Amazon Clone   github-link

- Built an **e-commerce platform** with **Flutter** (UI) and **Node.js** (backend), integrating **MongoDB Atlas** for database management.
- Added an **Admin Portal** for order management and implemented a **UPI payment gateway** for secure transactions.

Education

Punjab Engineering College | B.Tech in Mechanical | 7.5/10 | July 2019 – May 2023