

# DEEPAM KUMAR

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## PROFESSIONAL SUMMARY

- 2+ years of experience in backend development with expertise in Node.js, TypeScript, PostgreSQL, Redis, gRPC, RabbitMQ
- Proficient in microservices architecture, API development, third-party integrations, and system optimization
- Strong in unit testing (Jest), code quality (SonarQube), and containerization (Docker).
- Hands-on experience with CI/CD (GitHub Actions, Jenkins), and distributed architectures.

## SKILLS

- **Languages:** JavaScript, TypeScript, Python, C++, SQL, ES6
- **Technologies:** RabbitMQ, PostgreSQL, Redis, Sequelize, SonarQube, Jest
- **Tools & Frameworks:** Node.js, ExpressJS, Git, GitLab, Postman, Jira
- **Interests:** Data Structures & Algorithms, Problem Solving, OOP Concepts

## EXPERIENCE

### • QUARA AI TECH PRIVATE LIMITED

*Software Engineer*

*Apr 2023 – Mar 2025*

- Engineered **gRPC-based microservices** and defined **Protocol Buffers**, enabling a scalable architecture and reducing integration overhead by **30%**.
- Built and maintained fault-tolerant **wallet and payment modules** ensuring 99.9% transaction reliability.
- Integrated Firebase Cloud Messaging (FCM) to deliver instant notifications across SMS, email, and push notifications, improving user engagement by 25%.
- Established automated **CI/CD pipelines** with **SonarQube integration**, doubling deployment frequency while achieving **90%+ code quality**.
- Partnered with cross-functional teams (**Auctions, Payments, B2B, B2C**) to drive system scalability and reliability.

### • QUARA AI TECH PRIVATE LIMITED

*Associate Software Engineer*

*Dec 2022 – Mar 2023*

- Delivered backend features for **listings, user management, and property data**, enhancing user retention and responsiveness by **25%**.
- Implemented **asynchronous service communication** via **RabbitMQ** using an **event-driven architecture**.
- Authored and upheld **unit tests using Jest**, achieving **80%+ coverage** and validating critical business logic.
- Optimized **PostgreSQL queries** and introduced **Redis caching** to enhance API response time by **25%**.
- Deployed **Strapi CMS** and migrated all content workflows to it, resulting in a **95% reduction** in content update time and significantly improving editorial efficiency.

## EDUCATION

### • Lovely Professional University

**Phagwara, Punjab**

*Bachelor of Technology - Computer Science and Engineering; CGPA: 8.25*

*Apr 2019 - May 2023*

## PROJECTS

### • Wasalt - Real Estate Portal

**Dec 2022 – Mar 2025**

*QUARA AI TECH PRIVATE LIMITED*

**Product Overview** - Wasalt – A joint venture between Dar Al Arkan, Saudi Arabia's leading real estate developer. Contributed to the Wasalt portal, enabling users to search, purchase, rent, market, list, and auction properties across commercial and residential sectors.

## CERTIFICATIONS

HackerRank Certifications and 5\* Badges in **C++**, **Python**, and **Problem Solving**