Aashish Gupta

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EDUCATION

BACHELOR OF TECHNOLOGY IN COMPUTER ENGINEERING | **DELHI TECHNOLOGICAL UNIVERSITY (Formerly DCE)**

8.69/10, New Delhi, India, 2024

• Relevant Coursework: Data Structures and Algorithms, Software Engineering, Artificial Intelligence

EXPERIENCE

SOFTWARE DEVELOPMENT ENGINEER - BACKEND | **LEENA AI**

July 2024 - Present, Gurugram, India

• Enhanced backend systems using **Node.js**, **MongoDB**, **RabbitMQ**, and **Redis**, achieving a 40% improvement in performance scalability for client-facing solutions.
• Designed integration pipelines for Fortune 500 clients (Sony, Coca-Cola, PhonePe), ensuring secure and seamless data flow across systems.
• Implemented a job queuing system using RabbitMQ, reducing message processing time by 25% and increasing overall efficiency.
• Built robust RESTful services with Node.js and integrated Redis for caching in a microservices setup, resulting in 3x improvement in data management.

SOFTWARE DEVELOPMENT INERN - BACKEND | **LEENA AI**

January 2024 - June 2024, Gurugram, India

• Developed scalable backend solutions using **Node.js** and **TypeScript** for AI chatbot Integrations Team, enhancing functionality and reliability for major clients.
• Refined integration protocols to meet diverse client needs, resulting in 20% shorter response times for Salesforce configurations.
• Engineered RESTful API structures and integrated RabbitMQ to streamline data processing tasks, realizing a 30% improvement in speed and responsiveness.

SOFTWARE ENGINEERING INTERN | **PERPETUUM INNOVATIONS PVT LTD**

August 2023 - December 2023, Gurugram, India

• Optimized app architecture using best practices in Flutter and Node.js, achieving seamless performance for a growing user base of more than 5,000.
• Collaborated closely under the mentorship of the former CTO of **Wynk Music**, to design an audio based social media platform, utilising industry insights.
• Acquired hands-on experience in the end-to-end development process of the platform, including design, implementation, and user experience optimisation.

FLUTTER DEVELOPER INTERN | **PRODO TECHNOLOGIES PVT LTD**

January 2023 -July 2023, Gurugram, India

• Led development of two Flutter applications published on the App Store and Play Store, amassing **1000+** and **500+** downloads respectively within a month.
• Gathered feedback through **Mixpanel Analytics**, enhancing app processes and features, leading to a **30%** increase in App Traffic within two months.
• Optimised UI/UX of existing apps using widget libraries, and devised robust algorithms and data validation techniques for improved functionality and speed.

iOS FLUTTER DEVELOPMENT INTERN | **WALNUT**

March 2022 - December 2022, New Delhi, India

• Contributed to the design and development of a healthcare community iOS app (Flutter SDK), connecting users with trusted medical professionals.
• Successfully gathered requirements from 6 different teams and devised a **Custom Sharing solution** using Flutter & Firebase, well-received by stakeholders.
• Collaborated with UX designers to implement features like Health Stories, Feature Discovery, and One Tap SignUp, boosting customer engagement by **35%**.

PROJECTS

DIGISIGNS

• Led the development of a cross-platform digital signage application using **Flutter** and **FastAPI** for Android TV, Samsung, and 7 other platforms.
• Designed and implemented real-time video optimization techniques, enhancing user experience across diverse devices by 25%.
• Utilized Git and Docker in CI/CD process to streamline deployments and optimize real-time data displays, achieving consistency across 9 platforms and ensuring 100% uptime.

PARKING OPS

• Engineered a Flutter-based solution, enhancing car park efficiency by 100% through improved automation processes leveraging Firebase.
• Enhanced data optimization by 15%, using Firebase for real-time updates to improve user experience and reduce parking time.
• Improved customer experience by reducing parking ticket payment time by **20%** by using **Stripe API** to enable cashless transactions for a parking app.

ACHEIVEMENTS

• **Won a society hackathon** and led the development of a mobile app using Dart and Flutter, driving a 40% user base growth in 3 months by enhancing event scheduling and career advice features.
• Contributed the "liquid_page" Flutter Package to pub.dev, improving animation feasibility by **20%** and ensuring best coding practices.
• Mastered **500+** coding challenges on LeetCode, Geeks For Geeks, and other platforms, showcasing strong Data Structures and Algorithms skills.

SKILLS

Programming Languages: C, C++, Javascript, Typescript, Dart, Python, Java, Swift

Backend Development Technologies and Frameworks: Node.js, Express.js, FastAPI, MongoDB, Docker, Redis

Application Development Technologies and Frameworks: Flutter, Android Studio, Xcode, Firebase, Codemagic CI/CD

Other Software Toolkits and Libraries: SQLite, PostgreSQL, Git, MATLAB, Azure Cloud, Google APIs

Certifications: Coursera Introduction to Machine Learning by Duke University, Coursera Crash Course in Python by Google, Udemy Flutter Bootcamp