

Mukul Gupta



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GitHub



LinkedIn | Portfolio

EDUCATION

GALGOTIAS UNIVERSITY

Master of Computer Applications

October 2022 – July 2024, Greater Noida

- 7.50 CGPA

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY

Bachelor of Vocational in Software Development

July 2018 – August 2021, New Delhi

- 8.19 CGPA

EXPERIENCE

PearlThoughts

Back-end Developer · Intern

August 2024 – September 2024, Remote

- Developed and maintained **RESTful APIs using TypeScript and Nest.js** ensuring efficient backend architecture.
- Designed **PostgreSQL** databases with **Type ORM** for efficient ORM integration and query management.
- Implemented robust security including **JWT authentication** and (RBAC) for secure API access.
- Collaborated with DevOps teams, for smooth **API integration**, database optimization, and deployment.

TRADEZIE RETAILS PVT LTD

Software Engineer

September 2021 – September 2022, New Delhi

- Integrated APIs** to connect frontend components with backend services, Data flow and user experience.
- Conducted Unit Testing** for developed features to maintain code quality and reduce post-production issues.
- Participated in **CI/CD pipelines**, automating the deployment and reducing the time to market for new features.

PROJECTS

Weather App [\[Source Code\]](#) · [\[Live\]](#)

- Dynamic Weather Forecasting:** A weather application that provides real-time weather updates and forecasts using a weather API.
- User-Friendly Interface:** Designed an intuitive interface for users to easily access weather information based on their location.

Text Utils [\[Source Code\]](#) · [\[Live\]](#)

- Implemented Features:** Upper Case Words, Lower Case Words, Copy Text, Clear Text, Remove Extra Spaces and Display Reading Time.
- User Experience:** Incorporated Dark Mode/Light Mode for enhanced user experience.

Doctor Appointment Backend

- Appointment Management:** Developed a backend system using Nest.JS and TypeScript for managing doctor appointments.
- Database Integration:** Utilized PostgreSQL for data storage, secure and efficient management of user and appointment data.

Nexus Notation [\[Source Code\]](#)

- Implemented API Development** for real-time collaboration, enabling multiple users to edit and update notations simultaneously.
- Built a robust backend using Node.js and Express, ensuring data handling and storage with CI/CD pipelines for deployment.

News App [\[Source Code\]](#)

- News App:** Designed and developed a real-time news application using JavaScript and ReactJS.
- Seamless Integration:** Utilized News API to deliver up-to-the-minute news updates from various sources.

SKILLS

- Technical Skills:** JavaScript, TypeScript, Python.
- Front-End:** HTML5, CSS3, React.js, Bootstrap.
- Back-End:** Node.js, Express.js, Apache Kafka, JWT, API Development.
- Database:** MySQL, MongoDB, PostgreSQL.
- DevOps:** CI/CD, Git, GitHub.

ACHIEVMENTS

- Microsoft** certified: Azure AI Fundamental.
- IBM** Certified: cyber security fundamentals.
- SKY HIGH:** Core java programming.