Prajawal Gupta

Bengaluru| +91-7889249779 |prajwal2001gupta@gmail.com | https://prajawal.in

PROFESSIONAL EXPERIENCE

YourDiary (Podcopic Labs)   July 2024 – Current
Software Engineer
- Developed and implemented a location-saving feature with **end-to-end encryption** for secure data storage.
- Created interactive dashboards with real-time data visualizations, leveraging **D3.js** and **Chart.js**
- Utilized **Jest** frame-work for unit testing to ensure efficient and scalable system.
- Customized the **Trudesk** an **open-source** ticketing system to align with business requirements and optimizing workflows
- Redesigned the UI/UX of the Ticketing System using **React.js, Material-UI, TailwindCSS, and Bootstrap**, ensuring a responsive design.
- Integrated **Jira** APIs, creating a seamless issue-tracking automation pipeline that improved ticket resolution times by 20%
- Implemented **OAuth authentication** using FastAPI in Python, caching token using **Redis**.
- Utilized **Appium** an **open-source** frame-work for automated testing of android application, improving defect detection rate by **25%** and enhancing app stability.

YourDiary (Podcopic Labs)   April 2024 – July 2024
Software Engineer Intern
- Developed the application with **Native Java** for Android, utilizing a **Node.js** backend.
- Enhanced the user interface and user experience of the application using **Android Studio**, focusing on intuitive design and smoother navigation**.**
- Managed data using **MySQL** to ensure efficient storage and retrieval processes.

ACDC Electric Infrastructure Pvt.Ltd   May 2023 – July 2023
Full-Stack Developer Intern
- Developed a Central Management System utilizing **Node.js** and the **Open Charge Point Protocol (OCPP)** to streamline charging station operations.
- Created a mobile application using **React Native**, delivering a responsive and user-friendly interface.
- Integrated charging station data with **Google Maps** for location services and facilitated session bookings.
- Designed and deployed backend using **Node.js, Express,** and **PostgreSQL.**
- Implemented **REST APIs** to securely store, authenticate, and manage user data.

PROJECTS

ManageMate
- Developed a **React Native** frontend with a user-friendly interface for efficient location saving and management.
- Utilizing a Node.js backend, implementing **Object-Oriented Programming** (OOP) principles such as encapsulation and inheritance to create modular and maintainable code.
- Built a backend with **PostgreSQL**, and **Express.js.**
- Implemented database **transactions** and optimizing the database structure to prevent duplication.

CheckPoint
- Developed a React Native frontend with a user-friendly interface for efficient location saving and management.
- Designed and implemented RESTful APIs using Node.js and Express to manage and process user data.
- Deployed the application on **AWS EC2**, utilizing **NGINX** for optimized delivery.
- Integrated **Google Maps** to enable users to easily view and navigate to saved locations directly from the app.
- Implemented secure user **session management** using **JWT**, ensuring safe authentication and authorization processes.

SKILLS

- **Languages** : C++, JavaScript, SQL, JAVA, Python
- **Frameworks**:React.Js, Express.Js, Node.Js, Libgdx
- **Technologies**:GraphQL, Kubernetes, Docker, AWS, PostMan, Bitbucket, Appium

EDUCATION

Amity University Noida
Bachelors of Technology in Computer Science   **Sept 2020 - June 2024**

Army Public School
Senior Secondary School   **Mar 2018 -Mar 2019**