ABHIRAM GELLE

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Education

Georgia State University   **Aug 2024 – Present**
Master's in Computer Science - GPA: 4.2/4.3   *Atlanta, GA*
BML Munjal University   **May 2018 – April 2022**
Bachelor's of Technology in Computer Science - 8.2/10   *Delhi, India*

Skills

Technical Concepts: Java, Python, OOP Concepts, Data Structures
DevOps Tools: Ansible, Docker, Kubernetes
Frontend Web Development: HTML, CSS, TypeScript, JavaScript (React, Angular)
Backend Development: Flask, FastAPI, Spring Boot
Databases: SQL, MongoDB, Redis, Solr
Tools, Software, Technologies: Flutter, Grafana, Prometheus, Android Studio, Jira, GitHub, Linux, SVN, AutoCAD, VirtualCrash 5

Experience

Graduate Research Assistant - Georgia State University   **Dec 2024 – Present**
Full Stack Development   *Atlanta, GA*

- Developed the OGMS application using **Python FastAPI** and **React**, incorporating advanced technologies such as **AG-Grid** and **Tailwind CSS**.
- Built backend API documentation with Swagger, ensuring clarity and usability for development teams.

Optival Health Solutions Pvt Ltd - MedPlus   **June 2022 – July 2024**
Software Engineer   *Hyderabad, Telangana*

- Full Stack Developer at MedPlus, focusing on in-house applications and websites development using React and Spring Boot.
- **Key Projects:**
  * **DataGrid Component:** Built and tested with advanced features like filters, pagination, and sorting.
  * **PWA Migration:** Upgraded to React 18, enabling server-side rendering with streaming and suspense APIs.
  * **DB-Report Tool:** Designed and developed to fetch MySQL report data efficiently.
  * **Session Management API:** Built APIs for session handling, leveraging Redis and MongoDB for secure data persistence.
  * **Packaging Optimization:** Enhanced build processes using Webpack and Vite for faster, modular deployments.
- Developed a cross-platform native app using Apache Cordova, ensuring compatibility for Android and iOS.

Hughes Systique Corporation   **Jan 2022 – May 2022**
Associate Software Engineer   *Delhi, Haryana*

- Worked as DevOps Engineer for services used by Hughes Corporations.
- Developed automated scripts for smooth deployment processes using various deployment and orchestration tools.

EAIESB Software Solutions   **May 2020 – July 2020**
Trainee Engineer, Internship   *Hyderabad, Telangana*

- Trained in Angular and Spring Boot.

Projects

Fly Easy | *Machine Learning, Web Scraping, FastAPI, Angular*   **Jan 2021 – May 2021**
Developed a web application recommending universities by analyzing student profiles, CGPA, and test scores.

GOO [Grab Online Order] | *Java, Firebase, XML*   **Nov 2020 – May 2021**
Built an Android app for ordering from nearby restaurants/stores and enabling merchant sales.

Employee Management System | *Python FastAPI, Angular, MongoDB*   **May 2020 – July 2020**
Created a web tool for task tracking, team management, and leave approval for employees and managers.

Achievements

Wadhwani StartMeUp Award: Recognized for GOO App development.

ICCCN 2022: Presented Fly Easy project.

Dance Competition: Secured 2nd place at College Fest.

Merit Scholarship: Awarded 40% tuition fee waiver for academic excellence.