Akash Gupta

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WORK EXPERIENCE

SDE 1   **July 2023 - Present**
Pype, Delhi, India   *NodeJs, NextJs, Generative AI, LLMs, Python*

- Leading development of an advanced Enterprise Search Tool for seamless data retrieval
- Implementing robust security measures, including role-based access controls, for data integrity
- Integrating AI chat for interactive user support and AI document generation for content expansion, enhancing user experience

SDE Intern   **Jan 2023 - June 2023**
Amazon, Bangalore, India   *Java, AWS, ReactJs, Git, SQL, Junit*

- Developed a cutting-edge testing tool from scratch, slashing testing time from days to mere hours
- Created a Java-based differ library, doubling accuracy in comparing and diffing documents in ion format
- Designed and implemented a ReactJS web application for analyzing test results, incorporating advanced data visualization techniques for improved error identification and resolution

ML Intern   **Oct 2021 - Dec 2021**
Feynn Labs, Jabalpur, India   *Python, Opencv, pandas, Django, Git, GitHub, Linux*

- Created AI-enabled FinTech B2B Invoice, trained ML model for payment prediction
- Implemented Email Intent and Entity recognition model, achieving 150 percent increase in Collector's productivity

TECHNICAL SKILLS

Programming Languages: Java, C++, JavaScript, Python, C, SQL
Frameworks/Tools: NodeJs, ReactJs, NextJs, Dagger, Mockito, Bootstrap, Git, IntelliJ, ExpressJs, Django
Others: Core Java, HTML, CSS, Linux, JUnit, MongoDB, Design Patterns, REST APIs, Maven, GitHub, Bootstrap

EDUCATION

IIIT, Jabalpur   **July 2019 - June 2023**
ECE   *CPI - 7.3*
Courses: DSA, DBMS, AI, ML, OS, OOPs(Java), Cloud Computing, Cyber security

PROJECTS

- **Portfolio:** Created a responsive portfolio using Next.js, React, HTML, CSS, JavaScript for optimal user experience. Integrated dynamic content for real-time updates, featuring interactive sections.
- **Blood Bank Management System:** Developed a system for managing blood donations and supplies using Django, Dbsqlite, HTML, and CSS
- **BalanceBoost:** Proposed an improved SMOTE method using clustering to handle imbalanced datasets, enhancing classification effectiveness in machine learning applications.

ACHIEVEMENTS

- JUMPSTART HACKATHON : Ranked among the top 100 out of 29K participants (July 2022)
- COMPETITIVE PROGRAMMING: 4-star rating on CodeChef and Specialist on CodeForces
- PROBLEM SOLVING: solved over 1000 problems with Java and C++ across multiple platforms

EXTRACURRICULAR ACTIVITIES

- Actively participated in National Service Scheme (NSS) activities, honing teamwork, leadership, and communication skills through community-driven projects
- Contributed to the success of INVICTA FEST by organizing and coordinating activities, demonstrating effective collaboration, organizational, and event management skills

CERTIFICATIONS

- **Java (udemy)** • **Javascript (udemy)** • **Python (coursera)** • **Git (udemy)** • **ReactJs (udemy)**