Deepanshu Kumar

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Education

Indian Institute of Information Technology, Jabalpur   09/2021 – Present
Bachelor's in Computer Science and Engineering   *CPI - 9.6*

Relevant Coursework

- DSA & DAA
- Database Management
- OOPS
- Operating System
- Software Methodology
- Computer Networks
- Computer Architecture
- Data Science

Experience

TraceableAI | *Backend-End Developer Intern*   **06/2024 - Present**

- Developed and integrated **gRPC APIs** for backend systems, enhancing inter-service communication and reliability.
- Implemented **AWS WAF integration** for scalable rule management, improving platform security.
- Built and tested notification integrations (Slack, S3, Email, Webhooks) for **real-time event alerts**, ensuring end-to-end functionality.
- Contributed to **BFLA detection systems**, strengthening API abuse prevention.

Giga Growth Ventures | *Full-Stack Developer Intern*   **05/2023 - 07/2023**

- Built responsive interfaces with Next.js, integrated APIs using Node.js and Express.js with MongoDB as database.
- Conducted thorough testing and debugging, and collaborated closely with the team to deliver high-quality solutions.
- Collaborating closely with cross-functional teams, facilitating seamless communication and rapid issue resolution, resulting in a **25% reduction** in project **delivery time**.
- Building new components, Conducting rigorous testing and debugging processes, resulting in a **40% decrease** in **software bugs** and improving overall product stability.

Projects

Face Recognition and Emotion Detection | *Python, ML/AI, TensorFlow, Open-CV, Keras*   **03/2023 - 05/2023**

- Developed and emotion prediction application.
- Trained a CNN classifier using Keras and TensorFlow, resulting in an impressive **90% accuracy** in **human emotion prediction**.
- Employed **Open-CV** for face detection, seamlessly integrating it with the classifier for **robust emotion detection**.

Udemy App Backend | *ReactJS, ExpressJS, Rest API, MongoDB, NodeJS, HTML, JavaScript*   **01/2023 - 02/2023**

- Spearheaded the development of Udemy's backend clone.
- Engineered a backend clone for the educational powerhouse Udemy, facilitating seamless instructor and user interactions,resulting in a **25% boost** in **user management**

College Canteen Website | *HTML, CSS, JavaScript, PHP, MySQL*   **09/2022 - 11/2022**

- **Led a team of 3** conducting weekly meetings and putting in efforts to create a solid positive team experience.
- Designed a user-friendly interface allowing **1200+ student** from our campus to efficiently order food from the canteen.

Achievements

- 3 Stars at CodeChef rating (1663) id: **deepanshu_1111**.
- Institute Rank 17 on GFG id: **deepanshutiwary**.
- Open-Source Contribution in GSSoC and ranked 51 among 1500+ contributors.
- Solved 420+ problems on LeetCode and have 1633 rating id: **deepanshutiwari**.

Technical Skills

Languages : *C/C++,Java, Python, JavaScript, TypeScript, PHP, SQL*
Tools : *Git,Github, Linux, Web Sockets, phpMyAdmin, MongoDb, VS Code, IntelliJ*
Frameworks/Libraries : *ReactJS, NodeJS, ExpressJS, NextJS, Bootstrap, Redux,Mongoose*
Areas of Interest : *Web Development, DSA, Cyber Security, Machine Learning*

Leadership / Extracurricular

Tarang'23 Annual Cultrual Fest | *Event Management Lead*   09/2023 – 11/2023
Jazbaat - The Dramatics Society | *Coordinator*   05/2023 – Present
Jagrati Society - Teacher | *Educating students of nearby villages*   02/2022 – 04/2024