AMAN KUMAR

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EDUCATION

BTech. Information Technology   PATNA, IN | Jun 2024
BIT MESRA, PATNA
Cumulative GPA (CGPA): 8.73

WORK EXPERIENCE

STRADA GLOBAL | Technical Consultant   Hyderabad | July 2024 - Present

- Resolving integration issues and CRs for client projects, ensuring stability through Root Cause Analysis (RCA).
- Assisting in new integration implementations to optimize interface performance and reliability.

ARYATECH PLATFORMS PVT LTD | Associate Software Developer Intern   Noida | Jan 2024 - Apr 2024

- Enhanced the UI of Arya.ag using **ReactJS**, resulting in a 70% boost in user engagement and reducing bounce rates by 20%.
- Led integration of observability with **OpenTelemetry**, improving system call monitoring accuracy by 25%.

CAPTIOSUS SOFTWARE SOLUTIONS PVT LTD | Web Developer Intern   Remote | June 2023 – Dec 2023

- Implemented detailed data visualization reports with **Angular** and **Firestore**, decreasing data comprehension time by over 10x; collaborated with a team of 5 to handle front-end, back-end, and deployment.
- Implemented **Firebase Authentication** to enhance access security, improving login response time by 15%.
- Engineered back-end with **TypeScript** and Firebase, optimizing REST API calls, scaling up response handling by 30%.

PROJECTS

FITNESS TRACKER ↗   Angular, TypeScript, FireBase, NgRx, MaterialUI
Built a fitness tracker with state management and cloud operations, achieving a 50% increase in database sync speed with Firebase.

ITASC ↗   React, Redux, NodeJS, ExpressJS, MongoDB, TailWindUI
Built a cloud-based note-taking app with CRUD and JWT authentication, supporting secure storage for 1,000+ daily users.

LOFIDORO TIMER ↗   HTML/CSS, JAVASCRIPT
Created a timer for focused work sessions with lo-fi music, achieving 80% user satisfaction on UI/UX experience.

GENDER CLASSIFICATION USING VOICE ↗   Python, Machine Learning
Developed a gender classification model using SVM, KNN, and Decision Trees, reaching 88% accuracy on test data.

SKILLS

Languages: C/C++, Python, Java, Groovy, XSLT, Bash, ABAP
Web Development: Angular, ReactJs, JavaScript, NodeJs, NestJs, ExpressJs, TypeScript, HTML/CSS
Databases: PostgreSQL, MongoDB, Firebase
Technology: Linux, Git, Docker, REST API, OData, Soap, SAP BTP
Coursework: Operating System, Object-Oriented Programming, System Design, DBMS, Computer Network

ACHIEVEMENTS

- Achieved 524th rank in CodeChef Starters 139 Division 3 among over 10,000 participants.
- Contributed to the technical documentation of the **Refine** React framework (23k+ stars).
- Reached a rating of 1624 on CodeChef, earning a top 15k Country Rank.
- Attained a Brown Rating of 605 on AtCoder, placing within the top 27k users.
- Solved 700+ problems on LeetCode with a rating above 1650, ranking within the top 18% of global users.