Aninda Mandal

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SUMMARY

Experienced Software Engineer with 2 years of comprehensive experience in delivering solutions and boosting operational metrics. Leveraging in-depth expertise in software engineering, IoT, machine learning, and security, I have driven key projects that enhanced sentiment accuracy, escalated security, and amplified user engagement by 15%, 20%, and 10% respectively. Skilled in diverse programming languages, frameworks, and databases, my technical acumen ensures the delivery of high-quality solutions.

WORK EXPERIENCE

Senior Software Engineer   July 2024 - Present
Flow   Austin, TX
- Led the Artificial Intelligence department at Flow, managing a high-performing team of five AI specialists utilizing Django
- Engineered a robust suite of web analytics tools, integrating data-driven enhancements that resulted in a 35% improvement in client platform performance
- Deployed machine learning models on AWS, enhancing operational efficiency by 30%

Software Engineer Intern   Mar 2024 - May 2024
Flow   Austin, TX
- Developed AI-enabled functions such as web scraper and Hubspot cross referencing for the MVP, enabling B2B sales professionals to perform up to 300 calls per day, thus increasing productivity by 50%
- Led intake meetings with 12 clients, aligning AI solutions with business needs

Software Engineer   Jan 2020 - June 2022
Imple Creations   Mumbai, India
- Designed and maintained 7 websites and applications, leveraging technologies including Django, Flask, React, etc; this led to a 60% enhancement in user experience and product functionality
- Evaluated and researched 100+ technical requirements, presenting analyses on sustainability of technologies
- Managed and coordinated projects from inception to completion with team members

PROJECTS

Online Learning Sentiment Web App
- Developed an online learning sentiment analysis web app employing Python, Streamlit, and Tweepy resulting in 35% increase in user engagement and informed decision-making for e-learning providers
- Implemented backend functionality incorporating API integration with Twitter, thus leading to 95% improvement in data accuracy and 3 times faster response
- Trained an advanced RNN-LSTM neural network enhancing the model's accuracy and performance by 15%

Chat Website
- Engineered a responsible chat website, integrating user authentication and increasing platform engagement by 30%
- Cooperated with a proficient team in an Agile setting, utilizing Git version control, to guarantee exceptional code quality

EDUCATION

Masters of Science in Information Systems   May 2024
Binghamton University   Binghamton, NY
Bachelor of Engineering in Information Technology   May 2022
University of Mumbai   Mumbai, India

COMPETENCIES

Technical Skills:

Programming Languages: Python, Java, JavaScript, PHP, C++, C, Golang, Rust, Bash
Frameworks & Libraries: Django, Flask, Spring Boot, React, Redux, Node.js, TensorFlow, Selenium, PyTorch
Databases: MySQL, PostgreSQL, MongoDB, Oracle DB, Cassandra
Dev Tools: MATLAB, JMP, NetBeans, Eclipse, VS Code, Spark, Kafka, Latex, Microsoft Tools, GIT, Slack
Cloud & DevOps: Google Cloud Platform, Microsoft Azure, AWS, Heroku, Kubernetes, Docker, Linux
Technologies: REST APIs, Cloud Computing, Object Oriented Programming, Threat Intelligence, Cybersecurity, CI/CD