

ANAGHA D ANANTH

Software Engineer

Full-Stack developer with excellent problem solving skills and proven knowledge in core computer science. Enthusiastic about full-stack development, ML and Data Science.

Bangalore, India

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Professional Experience

Jun 2023 - Present

SAP Labs, India

Full Stack Developer & DevOps Engineer

Technical Expertise: Java, SAP UI5, Spring, Cloud Foundry, HANA DB, Kibana, CI/CD, Git

- Architected and developed a robust automation framework for seamless integration of multiple SAP products and solutions, achieving a **90%+ reduction in customer integration time**.
- Led the migration of communication arrangements from a 2 system landscape to a 3 system landscape for SAP S/4HANA Public Cloud through automation enablement while ensuring a **seamless transition with a minimal 1 day customer impact**, preserving all customer-specific settings during the migration.
- Demonstrated excellent customer handling by addressing high-priority incidents professionally and efficiently.
- Lead for the project's DevOps activities:** Project pipeline configuration & monitoring, audit & remediation of security vulnerabilities, and management of Operational tools and policies. Also responsible for project deployment, builds, & daily DevOps tasks.
- Collaborated with multiple stakeholders across internal teams, ensuring alignment with SAP's overall cloud strategy.
- Mentored and trained colleagues, contributing to the development of the next generation of software engineers.
- Presented engaging project topics** on organization level events and forums.

Jun 2022 - May 2023

SAP Labs, India

Full Stack Developer

Technical Expertise: Node JS, SAP CAP, Kyma, OData, Git

- Backend lead for system design and development of a cloud application (GitHub Issue Intelligence Dashboard) from scratch.
- Explored, implemented and presented - SAP Cloud Application Programming (CAP) framework integration with Business Events using an Event Driven Architecture (EDA).
- End-to-End CI/CD for Kyma enabled deployed application.

Aug 2021 - May 2022

SAP Labs, India

Data Science and AI Engineer

Technical Expertise: Python, Data Preprocessing, Machine Learning, SAP AI Core, Cloud Foundry

- Worked with the dataset provided by the Moroccan Police Department to forecast the timing and location of future accidents, as well as assess the likelihood of accidents based on filtered inputs.
- Assisted senior developers in developing an enhanced time series algorithm for prediction, hence reducing the processing time by a significant amount while **increasing the accuracy by 6%**.
- Implemented feature engineering techniques, creation of Deep Learning models and deployment of models to enable MLOps.

Jul 2020 - May 2021

Minion Labs, India

Data Science Intern

Technical Expertise: Python, Data Preprocessing, Machine Learning, AWS Cloudwatch, AWS SageMaker

- Performed EDA, data preprocessing and feature engineering techniques using Sci-kit Learn, Pandas, NumPy, Plotly, Dash and Matplotlib. Integrated with AWS SageMaker and Lambda for predictive modelling with cloud enablement.
- NILMTK analysis using Python for energy disaggregation analysis and prediction of electrical appliances, and development of a Neural Network model for the forecast.
- Designed a rich and interactive dashboard for energy profile management, thereby identifying energy consumption patterns, seasonality, and other trends.
- Published research paper based on the work done**

Awards and Recognitions

- **Core organizer** of customer engagement events (Mumbai, Delhi, Bangalore) for the LoB, showcasing SAP's cloud products and services to potential customers, fostering direct interaction with key stakeholders and future clients.
- **Speaker and Presenter** for multiple technical fests and events on an organization and global level for SAP d-com.
- Shadowed the global head of the LoB, with great networking opportunities.
- Was greatly appreciated for the effort put into developing a new solution, in a tight time constraints for **SAP Japan's Partner Summit**.
- Was awarded the **"Best Presenter" award** for being able to present an idea effectively. Also awarded multiple recognitions for exemplary work and professional ethics.
- Actively participated in, and organized hackathons, SAP global fellowships, stretch assignments, and other technical events across the organization.
- Member of the creative team, contributing to the design and execution of presentation materials (PPTs) and video shoots for podcasts, enhancing content delivery and brand engagement.

Education

M.Tech. in Software Engineering

BITS Pilani, 2021 – 2023

CGPA: 9.7/10

- Elected as the Student Leadership Coordinator, responsible for representing peers, organizing events, and acting as a liaison between students and faculty to foster a collaborative academic environment.

B.Tech. Computer Science Engineering

CHRIST University, 2017 – 2021

GPA: 3.99/4

- Recipient of Merit Scholarship (2017 – 2021)
- Lead for university choir
- Member, Neuron AI Club (2018 – 2020)
- Organizer and core team member of inter-collegiate fest

Skills

Backend

- JAVA
- Python
- Node JS
- JavaScript
- Spring Boot

Frontend and Database

- MySQL
- HANA DB
- UI5
- React

Others

- CI/CD
 - API Design
 - OData (REST)
 - Machine Learning
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