

AMOGH K SHARMA

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SUMMARY

Associate Software Engineer with extensive experience in full-stack development and back-end engineering. Successfully delivered scalable applications, enhancing system efficiency and reliability. Collaborated with cross-functional development teams to launch innovative products, significantly improving user satisfaction. Utilized big data technologies and distributed systems to streamline processing and optimize data analysis.

PROFESSIONAL EXPERIENCE

Associate Software Engineer

Ahana Systems and Solutions, Bengaluru, India

Oct 2023 - Current

- **Full-Stack Development**
 - Spearheaded the design and implementation of a comprehensive DISC personality test application using React and FastAPI, ensuring a seamless and responsive user experience.
 - Developed and integrated RESTful APIs, enhancing interaction quality and improving data flow efficiency.
 - Partnered with UI/UX teams to deliver intuitive and visually engaging interfaces, significantly boosting user engagement.
- **Back-End Development**
 - Architected and optimized backend infrastructure for an educational platform using Python FastAPI, enabling real-time data processing and analytics.
 - Refined server-side logic to ensure robustness under variable load conditions.
 - Led database management efforts, ensuring data integrity and integrating third-party APIs for extended functionality.

SKILLS

- **Programming Languages:** Python, JavaScript, Java
- **Web Development:** React, HTML, CSS, RESTful APIs
- **Backend Frameworks:** Python FastAPI, Django, Flask
- **Databases:** PostgreSQL, MongoDB, MySQL
- **Version Control:** Git, Bitbucket

TECHNICAL PROJECTS

Colorization of Grayscale Images and Videos

- Developed a web application using React.js to implement a deep learning-based colorization model for grayscale media.
- Fine-tuned the model using TensorFlow, Keras, and Scikit-learn to ensure accuracy and performance.
- Led the frontend development to design a user-friendly and interactive UI.
- Authored comprehensive documentation to support future enhancements and maintenance.

EDUCATION

B.E. in Computer Science Engineering

Jyothy Institute of Technology, CGPA: 7.6/10

2019 – 2023

2nd PUC (PCMCs)

ASC Independent PU College, Percentage: 70%

2017 – 2019

Class 10

Sri Vani Education Center, CGPA: 8.2/10

2015 – 2017