

PALKISH AKULA

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OBJECTIVE

Aspiring Software Development Engineer with a strong foundation in programming and problem-solving. Experienced in hackathons and internships, passionate about building efficient systems and user-friendly solutions. Passionate about leveraging technical skills to solve real-world problems and contribute to innovative teams.

EDUCATION

Prasad V Potluri Siddhartha Institute of Technology <i>BTech Information Technology(Honors)</i>	2022 -2026 (Present) CGPA: 9.24/10
SRI Bhavishya Jr College <i>Intermediate Education - MPC</i>	2020 - 2022 Percentage: 92.4%
Nalanda Vidya Niketan <i>10th - CBSE</i>	2019 - 2020 Percentage: 76.8%

PROJECTS

Team Project: CodeGlance – Contest Performance Dashboard [Source Code](#)

- Developed a web app using the MERN stack to analyze coding profiles from CodeChef and LeetCode.
- Integrated CodeChef and LeetCode APIs to analyze user performance metrics.
- Created decision-making features to suggest areas for improvement and track user progress.
- Built a responsive UI with React for seamless user experience and visualization of performance trends.

Real-Time Chat Application using MERN Stack [Source Code](#)

- Developed a real-time chat web application using React and Socket.IO for seamless instant messaging.
- Implemented responsive UI with DaisyUI and integrated Lucide React for modern iconography.
- Implemented secure user authentication using JWT for token-based session management.
- Built a scalable backend with Node.js, MongoDB, and Socket.IO to handle WebSocket-based communication.

INTERNSHIPS

AWS CLOUD VIRTUAL INTERNSHIP **Jan 2024 – Mar 2024**

- Gained hands-on experience with AWS like EC2, S3, Lambda, and RDS for efficient cloud deployment.
- Configured secure, scalable applications using AWS Console and CLI for cloud management.

TECHNICAL SKILLS

- **Programming Languages:** Python, C++, Java, SQL, NoSQL, PySpark
- **Web Development:** HTML, CSS, JavaScript, ReactJS, Redux, Node.js, Express.js, Git, GitHub, Postman
- **Cloud & Data Engineering:** Microsoft Azure, Microsoft Fabric, Google Cloud, DataBricks, Apache Spark

AWARDS AND ACHIEVEMENTS

- Published a research paper titled "Data Visualization of Blood Bank Distribution Across India" in IJRAR.
- Honored as a Cloud Domain Master by the Google Developer Groups (GDG)
- Participated in Smart India Hackathon and developed "DreamsTour" application.
- Participated in the Microsoft AI Skills Challenge.
- Won 2nd place in the KGF Coding Competition at LBRCE College.

CERTIFICATIONS

AZ-900 – Azure Fundamentals	Microsoft
AI-900 – Azure AI Fundamentals	Microsoft
Smart Code	Smart Interviews
Java Programming Fundamentals	Infosys SpringBoard
Google Cloud Computing Foundations	NPTEL