Sangu Pushpalatha

📞 +91 7093763599 ✉ pushpalathareddy2005@gmail.com 🏠 N.V.Kandrika,Nellore, AP
🔗 linkedin/pushpalatha ⭘ github.com/pushpalatha </> leetcode.com/pushpalatha

Professional Summary

Enthusiastic and diligent Computer Science and Engineering student with strong analytical and problem-solving skills, and hands-on experience in software development, data structures, and algorithms. Eager to leverage skills in Java, Python, and full-stack development to make a meaningful difference. Seeking a challenging role in software development to leverage my technical expertise and leadership skills in delivering impactful solutions.

Education

B.Tech in Computer Science and Engineering *2022-Present*
Rajiv Gandhi University of Knowledge Technologies, RK Valley, AP   CGPA:**9.47**

Pre-University Course *2020-2022*
Rajiv Gandhi University of Knowledge Technologies, RK Valley, AP   CGPA:**9.97**

Secondary School Certificate (SSC) *2019-2020*
Zilla Parishad High School, Adhurupalli, Chejerla Mandal, Nellore District   CGPA:**10**

Technical Skills

○ **Programming Languages:** Java, Python, C (Basic)

○ **Frontend:** HTML, CSS, JavaScript, Tailwindcss, Bootstrap, React.js

○ **Databases:** MySql, MongoDB

○ **Backend:** Node.js, Express.js

○ **Tools:** Git/GitHub, Canva, VS Code, Jupyter Notebook

Soft Skills

○ Communication Skills

○ Teamwork and Collaboration

○ Problem Solving and Critical Thinking

○ Creativity and Innovation

Projects / Open-Source

Weekly Assessment Test (WAT) GitHub

○ Built a full-stack web platform for automating weekly assessments with secure login, test scheduling, and evaluation workflows.

○ Integrated Gemini API to auto-generate MCQs from syllabus content, reducing manual question creation.

○ Enabled real-time performance tracking with Admin ,Faculty and Student dashboards using the MERN stack and JWT authentication.

○ **Tech Stack and Tools:** React.js, Tailwind CSS, Node.js, Express.js, MongoDB, JWT, Gemini API

SpeakShip (Quick DeliveryLite)   Live Demo   GitHub

○ Built a full-stack delivery management system enabling customers to request deliveries, track real-time statuses, and confirm with OTP verification.

○ Implemented role-based authentication for Customers, Drivers, and Admins using JWT and Google OAuth.

○ Integrated Cloudinary for image uploads, Gemini API for AI-based pricing, and Nodemailer for automated email notifications.

○ **Tech Stack and Tools:** React.js, Tailwind CSS, Node.js, Express.js, MongoDB, JWT, Google OAuth, Cloudinary, Gemini API, Nodemailer, Vite.

Online Courses & Certifications

○ **Java Basic Certificate** (December 2024) - GeeksforGeeks Link

○ **Full-Stack Development Bootcamp Certificate (MERN)** (January 2025) - GeeksforGeeks Link

Achievements

○ Solved over 500 problems on Data Structures and Algorithms (DSA), earning several cool badges on LeetCode Link.

○ Solved over 500 problems on Data Structures and Algorithms (DSA) on GeeksforGeeks Link.

○ Won first prize in the Technical Quiz conducted by the Engenix team on Engineers Day.

Extra-Curricular Activities

○ Served as an Executive Member of Helping Hands Organisation (HHO), leading fundraising initiatives to support underprivileged students in emergencies.

○ Actively participated in workshops, technical events, and hackathons to enhance problem-solving and technical skills.

○ Participated in coding competitions on platforms like LeetCode and geeksforgeeks to strengthen algorithmic skills.

Hobbies

○ Playing Chess   ○ Traveling

○ Solving Sudoku Puzzles   ○ Problem Solving

Languages

○ English (Intermediate)   ○ Hindi (Basic)   ○ Telugu (Native)