

# PREETHI L

Bengaluru, India • 9663913658 • [preethipreethu211@gmail.com](mailto:preethipreethu211@gmail.com) • [LinkedIn](#) • [Portfolio](#)

Software Developer with 2+ years of hands-on experience in building scalable web applications using .NET, C#, and modern front-end frameworks. Proficient in Angular, Vue.js, HTML, CSS, and JavaScript. Strong knowledge of REST API development, cloud integrations using Google Cloud Storage, and version control with GitHub. Recently expanded into AI and prompt engineering, experimenting with LLMs, chatbot integrations, and AI-assisted development. Skilled in Agile and TDD practices with a passion for learning, automation, and solving real-world problems using emerging technologies like Generative AI, NLP, and data visualization.

## WORK EXPERIENCE

### Software Developer | DataZymes, Bengaluru

Feb 2023 – Present

- Intellia Retooling Project (Current Role - Software Developer) *React, TypeScript, Node.js, Express, Tailwind CSS*
  - Role Responsibilities: Leading frontend development for platform modernization, ensuring code quality, and mentoring junior developers.
  - Key Contributions: Revamped legacy platform using React (with Vite), TypeScript, and Tailwind CSS for improved performance and maintainability.
  - Technical Achievements: Developed scalable backend APIs with Node.js and Express, achieving 40% improvement in application performance.
  - Innovation: Integrated pptxgenjs library enabling dynamic PowerPoint report generation, allowing users to download alert summaries in .pptx format.
  - Collaboration: Worked closely with UX/UI team to implement responsive design patterns and ensure cross-browser compatibility.
- M4 Project (Angular Developer) *Angular, Node.js, Express, Highcharts, Google Cloud Storage*
  - Role Responsibilities: Full-stack development, API design, and frontend architecture for data visualization dashboard.
  - Key Contributions: Built RESTful APIs and dynamic front-end interfaces using Angular with Highcharts for real-time data visualization.
  - Technical Achievements: Integrated Google Cloud Storage for secure file management, handling 1000+ daily file uploads with 99.9% reliability.
  - Innovation: Developed chatbot feature using company's bot API with JWT authentication, improving user engagement by 60%.
  - Problem Solving: Implemented real-time data processing capabilities for interactive dashboard analytics, reducing data refresh time by 70%.
- Intellia Project (Software Developer - .NET) *.NET, C#, Vue.js, SQL Server, Google Cloud Storage*
  - Role Responsibilities: Backend API development, database design, and frontend integration for competitive intelligence platform.
  - Key Contributions: Designed and built RESTful APIs in C# (.NET) for competitive intelligence platform, fetching and processing data from SQL Server databases.
  - Technical Achievements: Developed user-friendly interface using Vue.js, HTML, CSS, and Bootstrap, implementing role-based workflows and alert management.
  - Security Implementation: Integrated Google Cloud Storage for secure file management and implemented comprehensive role-based access control.
  - Agile Development: Utilized GitHub, AWS CodeCommit, and Jira for version control and project tracking.

## AI & Personal Projects

- AI Resume Matcher - React, TypeScript, FastAPI, OpenAI, Firebase, MongoDB, Docker
  - Developing an AI-powered resume matching platform using React, TypeScript, and FastAPI, integrating OpenAI GPT models and BERT embeddings for intelligent skill extraction and compatibility scoring.
  - Implementing comprehensive authentication system with Firebase (Google OAuth + email/password) and secure user management using MongoDB for scalable data storage.
  - Building advanced file processing capabilities supporting PDF, DOCX, and TXT formats with automated text extraction and intelligent parsing.

- Creating modern, responsive UI using Tailwind CSS and React Query, ensuring optimal user experience across all devices.
- Planning deployment using Docker containers with proper CI/CD pipeline setup for seamless development and production environments.

## 2. AI-Powered Task Management System (In Progress) – MERN Stack AI Application

- Creating an intelligent task management application that uses AI to categorize, prioritize, and suggest task optimizations
- Implementing natural language processing for task input and smart deadline predictions
- Building real-time collaboration features with WebSocket integration for team productivity
- Planning integration with calendar APIs for seamless scheduling and reminder management

## EDUCATION

**Bachelor of Engineering – Information Science and Engineering** (2019 – 2023)

Acharya Institute of Technology – 8.7 CGPA

## TECHNICAL SKILLS

**Technical Skills:** C# | JavaScript | TypeScript | SQL | Node.js | Express.js | .NET | HTML | CSS | AngularJS | React.js | Vue.js | FastAPI | Python

**Libraries:** Angular Material | Bootstrap | Tailwind CSS | Highcharts | PrimeNG | Chart.js | PPTXGENJS | React Query | Zustand | Pydantic

**AI & Prompt Engineering:** OpenAI API | ChatGPT | Prompt Design | Context Management | AI API Integration

**Databases:** Microsoft SQL Server | PostgreSQL | MongoDB

**Tools:** GIT | JIRA | Postman | VS Code

**Soft skills:** Communication | Teamwork | Adaptability | Problem-solving | Leadership | Time Management | Flexibility | Innovation | Continuous Learning

## RECOGNITION AND AWARDS

- Hackathon Winner: Won 1st place for building an **AI-based Data Quality Platform**, showcasing innovation in data validation and anomaly detection.
- Innovation Award: Recognized for innovative feature development and enhancing user experience in the company's products.
- Excellence in Project Execution: Received client appreciation and internal recognition for excellence in project execution and teamwork.

## INTERESTS AND PASSION

Travel & Trekking • Gardening • Cooking • Teaching • Organizing team activities & games