BHUMIKA S

✉ bhumikasp.2004@gmail.com   in LinkedIn   ⦿ GitHub

TECHNICAL SKILLS

Languages: C, Java, Python, Javascript
Frontend: React.js, Next.js, Tailwind CSS, Bootstrap, TypeScript
Backend: Node.js, Express.js
Database: MongoDB, MySQL
AI/ML: OpenAI, GeminiAPI, Claude, Scikit-learn, Pre-trained Models
Product Metrics: User behavior analysis, Engagement trends, Feature usage reporting
SaaS Workflows: Account lifecycle management, Onboarding flows, Usage monitoring
Dashboard & Reporting: Tableau, Power BI, Matplotlib, Seaborn
Deployment/DevOps: Vercel, Netlify, AWS, GitHub Actions
APIs & Cloud: REST APIs, AWS, GCP
Version Control: Git, Github

PROJECTS

IntelliChat: AI-Powered Assistant
(React, CSS, Google Gemini API)

- Developed an AI-powered chatbot replicating Gemini's natural conversational capabilities.
- Integrated Google Gemini API to generate contextual and human-like responses.
- Built a responsive and interactive chat interface using React and CSS for seamless user experience.

Thought Detection System for Coma Patients
(Python, TensorFlow/Keras, scikit-learn, Flask, Bootstrap)

- Developed a deep learning web app to classify EEG signals and provide actionable patient insights.
- Visualized real-time predictions on Flask dashboards to monitor responses and improve interventions.
- Applied AI/ML techniques to enhance decision-making and user experience.

Smart Expense Tracker
(Tailwind CSS, Vanilla JavaScript, Node, Express, MongoDB)

- Built a web app to record and categorize daily expenses with real-time database syncing.
- Created dashboards for budget tracking, spending trends, and actionable insights.
- Implemented full CRUD operations and a responsive interface for seamless user experience.

INTERNSHIP EXPERIENCE

Hindustan Aeronautics Limited (HAL)   May 2025 – June 2025
Software Intern   *Bengaluru*

- Developed a secure PDF viewer with DRM features and tracked user access patterns for reporting.
- Implemented backend APIs and database integration to manage file access securely.
- Designed a clean and user-friendly interface focused on protecting document integrity.
- Collaborated with team members to ensure access control and adherence to best practices.

EDUCATION

Rajarajeshwari College of Engineering   2022 – 2026
B.E in Computer Science and Engineering   *CGPA: 8.38/10*

CERTIFICATIONS

- Programming in Java by NPTEL – Core Java, OOP, data structures, and multithreading.
- The Complete Web Course by Udemy – Fullstack web development with HTML, CSS, JavaScript, and MERN Stack.
- Springboard Python Fundamentals (Infosys) – Python basics, control structures, functions, and data handling.