

Bellamkonda Sai Mukesh Ram

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Portfolio: mukeshram-portfolio-main.vercel.app | GitHub: github.com/18mukeshram

Career Objective

Passionate and self-motivated aspiring web developer with a strong foundation in HTML, CSS, JavaScript, and Angular/React frameworks. Eager to apply problem-solving skills and continuous learning to build responsive, user-focused web applications and full-stack systems, including the integration of AI-assisted features to enhance learning experiences.

Education

Sri Chaitanya School – SSC

- GPA — 10

Sri Chaitanya Junior College

- *Intermediate — MPC*
- Percentage — 94.7

Vasireddy Venkatadri Institute of Technology

- *B.Tech in Electrical and Electronics Engineering*
- CGPA — 9.06

Technical Skills

Languages: HTML5, CSS3, JavaScript (ES6+), TypeScript, Java

Frameworks & Libraries: Angular, React.js, Tailwind CSS, Bootstrap

Backend & APIs: Node.js, Express.js, REST API development, JWT authentication

Database: MongoDB Atlas, Mongoose ODM

Web Development: Responsive Design, Single Page Applications (SPA), Flexbox, CSS Box Model, Cookies and Local Storage, SCSS/SASS

Angular Core: Standalone Components, Routing & Guards, Services, Lifecycle Hooks, Data Binding, Dependency Injection, Angular CLI

Developer Tools: VS Code, Eclipse, Git, GitHub, Chrome DevTools, Postman/Thunder Client, npm, Nodemon

Other Skills: Basic SQL; Linux command line basics; Cybersecurity fundamentals; Introductory network tools (Wireshark, Nmap)

AI Integration: LLM API integration, structured prompt design, context-aware AI responses, secure backend AI workflows, graceful degradation

Projects

SkillBridge – Personalized Learning Roadmap Platform (Full-Stack) — *React, Tailwind CSS, Node.js, Express, MongoDB, JWT*

Live Project: skillbridge-silk.vercel.app

- Built a full-stack platform delivering personalised learning roadmaps for Frontend, Backend, and Full-Stack developer tracks.
- Implemented secure authentication using JWT with protected REST API routes.
- Designed dynamic progress tracking with step states (Not Started, In Progress, Completed) and automated progress calculation.

- Created detailed step pages featuring curated learning resources and a persistent user notes system stored in MongoDB.
- Integrated frontend and backend APIs for real-time UI updates, state management, and session persistence.
- Developed responsive layouts using React and Tailwind CSS with production-style debugging and optimization.
- Integrated an AI-assisted learning feature into roadmap step pages using LLM APIs.
- Designed structured, context-aware prompts using step metadata (topics, outcomes, focus areas) to generate beginner-friendly explanations.
- Built a secure, JWT-protected backend AI endpoint to handle AI requests without exposing API keys.
- Implemented graceful AI degradation with clean error handling, demo-mode support, and fallback UX for AI unavailability.

Weather Information Web Application — *JavaScript, HTML5, Tailwind CSS, REST APIs*

- Developed a responsive single-page weather dashboard using the OpenWeather REST API.
- Implemented city-based live search with `async/await`, loading indicators, and error handling.
- Designed a modern mobile-first UI using Tailwind CSS including gradient backgrounds and glass-effect cards.

Student Course Management System (Angular SPA) — *Angular, TypeScript, Tailwind CSS*

- Built a modular Angular single-page application using standalone components and modern routing.
- Created features for course listing, dynamic search filtering, course detail views, and student enrollment management (CRUD operations).
- Implemented service-based state management and two-way data binding for form handling.
- Styled a responsive dashboard interface using Tailwind utility classes and gradient layouts.

Professional Development

- Completed hands-on training in HTML5, CSS3, JavaScript, Angular, React, and responsive design.
- Built frontend SPA projects using REST APIs, Tailwind CSS, and Angular component architecture.
- Gained programming foundations in Python, C, Java, and Kotlin through academic coursework.
- Developed real-world full-stack project experience using Node.js, Express, MongoDB, and JWT authentication.

Skills and Proficiencies

- Problem Solving and Logical Thinking
- Time Management
- Adaptability and Continuous Learning
- Cyber risk awareness with strong attention to detail

Additional Achievements

- Certifications in Android App Development, Generative AI, IBM SkillsBuild, and Salesforce

Personal Details

Languages: Telugu (Native), Hindi (Intermediate), English (Advanced), Japanese (Elementary)

Hobbies: Reading fiction, Cricket, Chess, Badminton

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