

Bharath Kumar Talasila

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SUMMARY

MERN Stack Developer with strong experience in building responsive, visually polished web applications and APIs using React, Node.js, Express, and MongoDB. Skilled in authentication flows, JWT security, cloud deployments, and producing clean, maintainable code. Known for delivering complete end-to-end projects such as NextHire-AI, integrating AI-driven resume analysis, dashboards, email services, and user-friendly interfaces. Dedicated to creating scalable solutions with strong attention to UI detail, performance, and user experience.

SKILLS

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

Frontend Development: React.js, React Hooks, Context API, React Router, Tailwind CSS, Material UI, Framer Motion, Responsive UI/UX, tsParticles animations

Backend Development: Node.js, Express.js, REST API Development, Authentication & Authorization (JWT, bcrypt), Middleware, Error Handling

Databases: MongoDB, Mongoose ODM, SQL, NoSQL Data Modeling

Cloud & Deployment: Render, Vercel, Netlify, GitHub Pages, Docker (beginner), CI/CD basics, Environment Variables, Domain & DNS configuration, AWS (EC2/S3 basics)

Tools & Dev Practices: Git, GitHub, Postman, VS Code, NPM/Yarn, Agile & Scrum collaboration, Unit Testing (Jest/JUnit basics), API Testing, JSON, Linux commands

Other Technical Skills: Email Services (Resend, Gmail SMTP), JWT Auth Flows, Password Resets, Session Management, state management, error logging, debugging, Role-Based Access Control (RBAC)

PROJECTS

NextHire-AI – MERN + AI-Powered Resume Analysis Platform

([GitHub](#) | [Live Demo](#))

React, Node.js, Express, MongoDB, JWT, Resend Email, Gemini API, Tailwind, Deployment on Render

- Built an end-to-end job-search and resume-analysis platform used for 500+ resume-JD comparisons during testing.
- Integrated Gemini AI for skill extraction and mismatch detection, achieving ~90% accuracy across parsed results.
- Improved resume parsing speed by 30–40% and reduced API latency by 25% through optimized routing and payload handling.
- Implemented secure JWT authentication, password reset automation, and email workflows, cutting manual steps by 70%.
- Designed a polished, responsive UI with reusable React components, reducing dashboard load time from 1.8s → ~1.1s.

Personal Portfolio Website – Interactive Developer Portfolio

([GitHub](#) | [Live Demo](#))

React.js, Tailwind CSS, Framer Motion, tsParticles, Responsive UI/UX

- Built a fully responsive, animated developer portfolio visited by 200+ users in the first month.
- Improved mobile Lighthouse performance score from 62 → 92 through layout and responsiveness optimizations.
- Reduced initial load time by 35% using optimized assets, lazy-loaded components, and animation tuning.
- Implemented modular sections (Hero, About, Projects, Experience) with smooth scroll animations and custom particle effects for a premium UI.

Spotify Web Player UI – Frontend Clone (HTML/CSS)

([GitHub](#) | [Live Demo](#))

HTML5, CSS3, Responsive Layouts

- Built a pixel-accurate clone of the Spotify Web Player with ~95% visual fidelity to the original interface.
- Implemented a responsive sidebar, sticky top bar, album grid, and footer music player using pure HTML/CSS.
- Reduced layout shift by 40% through improved spacing, typography control, and fluid breakpoint design.

PROFESSIONAL EXPERIENCE

- Java Full Stack Intern | Virtusa** Feb 2023 – Jul 2023 | India - Remote
- Assisted in building full-stack application features using Java, Spring Boot, React.js, and MySQL, contributing to both backend logic and UI functionality.
 - Refined codebase by enhancing modularity and adhering to industry standards, streamlining integration of new business requirements and supporting maintainability for evolving client projects.
 - Collaborated in Agile/Scrum workflow, participating in code reviews, documentation, and Git/GitHub version control.
 - Wrote and executed unit tests to validate backend logic and ensure consistent functionality across new and existing features.

EDUCATION

Master of Science in Computer Science Jan 2024-Dec 2025

Auburn University at Montgomery, Montgomery, AL

Bachelor of Technology in Computer Science Aug 2019-Aug 2023

CMRIT Engineering College, India

CERTIFICATIONS

- J.P. Morgan – Software Engineering Job Simulation (Forage)** Issued Oct 2025
- NVIDIA – Fundamentals of Deep Learning** Issued Apr 2025
- Oracle Certified Associate – Java SE 8 Programmer** Issued Mar 2023