Bhavesh Shrigiri

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 Github in Linkedin 👤 Portfolio

Professional Summary

Final-year Computer Science student specializing in **frontend engineering with React.js, JavaScript, and Next.js**. Strong foundation in **data structures, algorithms, and SQL**, with experience building **responsive, database-backed web applications**. Passionate about delivering seamless **UI/UX** and solving complex engineering challenges at scale.

Projects

Real-Time Stock Trading Dashboard   *Data Pipelines — Charts — Responsive UI*

Built a dashboard to visualize market trends and AI-based stock predictions using historical data.
Designed a **responsive UI with React.js, HTML5, CSS3, and Tailwind** for cross-device compatibility.
Validated data pipelines and ensured API response integrity with Postman.
Stack: Next.js, Python, yfinance, TensorFlow, Lightweight Charts
Live Demo: bhavweb.xyz

AI-Powered Hackathon Finder Platform   *PostgreSQL — REST APIs — Scalable Full-Stack*

Developed a scalable platform that recommends hackathons using AI-based filters and NLP.
Implemented **PostgreSQL queries for filtering, caching, and schema design** to handle large datasets.
Designed an intuitive **frontend in React.js + CSS** and deployed via CI/CD using Vercel.
Stack: Next.js, Node.js, PostgreSQL, Perplexity API, Vercel
Live Demo: HackFlow

CPU Scheduling Simulator   *Java — Algorithms — Postman Testing*

Built an interactive simulator with REST APIs for scheduling algorithms (FCFS, SJF, RR).
Applied **data structures and algorithmic problem-solving** to implement scheduling logic.
Added automated unit tests (JUnit) and verified edge cases with Postman collections.
Stack: Java, Next.js, JUnit, REST APIs
Source Code: GitHub

OEM Vulnerability Scanner – vulscrap   *AI-Powered — Automation*

Built an AI-integrated platform to scan security vulnerabilities from 10+ OEM sources (NVD, CISA, Cisco, etc.). Automated scraping, AI-based prioritization, and email alerts.
Integrated gemini for smart mitigation strategies, impact analysis, and tailored reporting. Developed a dashboard with filtering, search, and export features.
Stack: Python, Streamlit, Playwright, SQLite, BeautifulSoup, SMTP, Gemini AI
Source Code: GitHub

Skills

Frontend: React.js, Next.js, Redux, HTML5, CSS3, Tailwind CSS
Languages: JavaScript, TypeScript, Python, Java, SQL
Databases: PostgreSQL, MySQL, MongoDB
Backend: Node.js, REST APIs
Tools/Cloud: Vercel, AWS (EC2, S3), Docker, Git, CI/CD
Core CS: Data Structures & Algorithms, OOPs, Problem-Solving

Education

Reva University, Bengaluru   *B.Tech in Computer Science, 2026*
CGPA: 9.09 / 10
KLE's Prerana PU College, Hubli   *PUC, 2022*
Percentage: 91.5%

Hackathons

Enigma Hackathon – Winner   *Jyothy Institute of Technology*
Built a trading strategy tool that delivered real-time buy/sell decisions using AI-driven market analysis.
I Love Hackathon – Winner   *BBSR (Blockchain)*
Created a blockchain-based logistics system for the defense sector—real-time tracking, inventory, and authentication.
HaccVerse'25 – Track Winners   *Reva University*
Designed an interest-based hackathon recommendation system used by students.
Hack2Future 2024 – Finalist (Top 10)   *IIIT Dharwad*
Built a blockchain forensics system leveraging the Ether-scan API for analyzing and tracking Ethereum transaction patterns.