

# NAVRAJ GIRI

 GitHub |  LinkedIn |  Portfolio |  nvrjgiri@gmail.com |  +91 8974729800 |    
LeetCode |  GeeksforGeeks

## SUMMARY

---

Aspiring Software Engineer with strong expertise in designing and developing efficient, scalable, and user-friendly applications. Proficient in modern programming languages and web development technologies. Solid understanding of Computer Science principles including algorithms, data structures, and object-oriented design. Dedicated to applying technical skills and innovative thinking to deliver impactful software solutions.

## PROJECTS

---

### CryptoPro

[Deployed Link](#)

- Developed a responsive frontend using **HTML**, **CSS**, and **JavaScript** to display real-time cryptocurrency prices via the CoinMarketCap API
  - Built a secure backend for wallet integration and transaction monitoring using **Node.js** and **Express.js**
  - Implemented user authentication for secure portfolio tracking
  - Added real-time price alerts and historical data visualization for enhanced user experience
  - Deployed the application on Render for high availability.
- Technologies:** HTML, CSS, JavaScript, Node.js, Express.js, CoinMarketCap API, MongoDB

### Portfolio Optimization Using Fuzzy Set Logic and Whale Optimization Algorithm for Indian Stocks

[Deployed Link](#)

- Designed and implemented a tool integrating real-time stock data with Modern Portfolio Theory (MPT)
- Applied fuzzy logic to interpret market states like “bullish” and “oversold” for enhanced decision-making
- Built an automated alert system to monitor and suggest portfolio rebalancing
- Created interactive dashboards with Plotly, Matplotlib, and Seaborn for insight visualization

**Technologies:** Python, Fuzzy Logic, Modern Portfolio Theory, Plotly, Matplotlib, Seaborn, Pandas

## EDUCATION

---

**BMS Institute of Technology and Management, Bengaluru**

**Aug 2022 – Aug 2026**

Bachelor of Engineering in Computer Science

**CGPA: 8.33/10**

## TECHNICAL SKILLS

---

<b>Programming Languages:</b>	Python, C, C++
<b>Frontend Technologies:</b>	HTML, CSS, JavaScript, React js(basics)
<b>Backend Technologies:</b>	Node.js, Express.js
<b>Developer Tools:</b>	VS Code, MATLAB, Git, GitHub
<b>Databases:</b>	MongoDB, MySQL
<b>CS Fundamentals:</b>	Data Structures & Algorithms, OOPS, DBMS, Computer Networks

## ACHIEVEMENTS & CERTIFICATIONS

---

- Winner of Hacksphere Hackathon
- Completed 15-Day Frontend Web Development Program – Coursevita
- Certified in Full Stack Development using AI – Cuvette