Harshvardhan

LinkedIn: harshraghav2003
GitHub: Harshvardhan216
LeetCode: $Harsh_{04}$

Mobile: +91-9540017762
harshhraghav2993@gmail.com

Professional Summary

Detail-oriented and enthusiastic B.Tech Computer Science graduate with hands-on experience in full-stack development, cloud integration, and backend engineering. Proven track record of building secure, scalable web applications using React, Spring Boot, MongoDB, and AWS. Adept at Agile methodologies and delivering production-ready solutions with strong problem-solving and debugging skills.

Education

- **SRM University** — Chennai, India
  B.Tech in Computer Science Engineering - CGPA: 8.83 — *2021 - Present*
- **Delhi Public School** — Delhi, India
  CBSE - 83.2% — *2020 - 2021*
- **Gyan Devi School** — Gurugram, India
  CBSE - 93.8% — *2018 - 2019*

Technical Skills

- **Languages**: C++, JavaScript, HTML, CSS, Java,Python
- **Frameworks & Tools**: ReactJS, Node.js, Spring Boot, Git, GitHub
- **Databases**: MySQL, MongoDB, PL/SQL
- **Cloud & DevOps**: AWS (EC2, S3, Elastic Beanstalk), Azure
- **Concepts**: REST APIs, JWT Authentication, Agile/Scrum

Projects

- **Fitness for All**:
  - Developed the front-end of a full-stack fitness web app using **ReactJS** and **MongoDB**.
  - Integrated **JWT authentication** to secure user sessions; enhanced database efficiency by **25%** with optimized queries.
  - Implemented modular component structure for maintainability and scalability.
- **Expense Tracker App**:
  - Created a production-ready Spring Boot application integrated with **AWS RDS**, **S3**, **SNS**, and **Elastic Beanstalk**.
  - Enabled secure **receipt uploads to S3** and automated email alerts with **SNS**, reducing backend response lag by **30%**.
  - Applied **REST APIs** with token-based authentication to ensure data security.
- **Online Shop Management**:
  - Designed backend logic using **PL/SQL**, creating over **10+ stored procedures** and **triggers** for seamless operations.
  - Improved order and inventory management by **40%** through query optimization and relational mapping.
  - Implemented role-based access control and automated stock updates.

Certifications

- **AWS Cloud Security Foundation**: Amazon Web Services
- **AWS Academy Cloud Architecture**: Amazon Web Services
- **Operating Systems Basics**: Cisco
- **Networking Basics**: Cisco

Extra-Curricular & Soft Skills

- **State-Level Cricket**: Represented **Haryana** in **U-16 and U-18** categories; developed strong **discipline and resilience**.
- **Football**: Winner of **Inter-hostel Football Tournament (2022-23)**; enhanced **teamwork and strategic thinking**.
- **Drama & Writing**: Won multiple **scriptwriting and play competitions**; sharpened **creative thinking and communication**.
- **Video Editing**: Worked with multiple clients and created personal projects; strengthened **attention to detail and deadline management**.
- **Soft Skills**: Proven abilities in **communication**, **team collaboration**, **adaptability**, and **time management** through diverse projects and activities.