



BRIEF SUMMARY

A third-year Computer Engineering student with a passion for enterprise-grade Java development and practical expertise in JDBC, Servlets, and JSP. Proficient in React.js and Java Swing for building scalable applications, with hands-on experience deploying on AWS EC2. Strong foundation in data structures, and OOPs principles. Collaborative team player with leadership experience in hackathons and proven problem-solving skills. Possess good communication, presentation, team collaboration and leadership skills. Self-motivated and always eager to learn new technologies, improve myself, and contribute innovative cloud-ready solutions to real-world problems.

KEY EXPERTISE

Core Java | JSP | JDBC | Servlets | Java Swing | OOPs | HTML5 | CSS3 | Javascript | React.js | MySQL | AWS
Data Structures | Problem Solving | Git | Github | Postman

EDUCATION

MIT Academy of Engineering, Pune

2022 - 2026

B.Tech. - Computer Engineering | CGPA: 9.65 / 10

Narbheram Hansraj English School, Jamshedpur

2021

12th | CISCE | Percentage: 97.25 / 100

Narbheram Hansraj English School, Jamshedpur

2019

10th | CISCE | Percentage: 94.60 / 100

AWARDS AND SCHOLARSHIPS

- o SY Topper Computer Department 2023-24

INTERNSHIPS

MIT Academy of Engineering | IT / Computers - Software

23 Jun, 2024 - 10 Aug, 2024

Full Stack Web Developer

Key Skills: CSS | SQL | Javascript | HTML5 | Express.js | React.js

Developed a full stack job portal platform, in a team of 5 members including myself. My role was in designing and developing the frontend, creating backend routes and handling the database.

Learnings: 1. Polished my frontend skills (HTML, CSS, Javascript), 2. Learned and Implemented new Skill (Backend - ExpressJs, NodeJs), 3. Team Building & Collaborative Working in a team, 4. Completing project efficiently within deadline

PROJECTS

Secure Message Writer (Super 30 | Sem 2)

21 Oct, 2024 - 30 Dec, 2024

Mentor: Dr. Amar Panchal | Team Size: 1

Key Skills: Java | Java Swing | OOPs | Git | Github

Project Link: <https://github.com/Amrik-Bhadra/SecureMessageWriter>

A desktop application built using Java Swing (NetBeans) for secure message encryption, storage, and transmission via email.

Key Features:

1. AES Encryption & Decryption, 2. File Storage, 3. JavaMail API Integration, 4. User-Friendly UI

Role: Solo Developer

Designed and developed the entire application, from UI/UX to encryption logic.

Outcome:

1. Enhanced Security, 2. Seamless User Experience, 3. Efficient File-Based Messaging, 4. Cut email transmission time by 15% via JavaMail API optimization.

MovieHub: A movie detail provider

07 Feb, 2024 - 01 Jun, 2024

Mentor: Mrs. Pushpamala Shinde | Team Size: 1

Key Skills: Java Servlets JSP MySQL HTML CSS JDBC

Project Link: <https://github.com/Amrik-Bhadra/MovieHub>

MovieHub is an application that provides users with detailed information about any requested movie. It allows users to access movie details in a single window, helping them make informed decisions. Built following the MVC architecture, it features an efficient backend connected to a MySQL database using JDBC, while JSP servlets and HTML handle frontend content display.

ACHIEVEMENTS

- Smart India Hackathon 2024 Finalist
- Cavista Technologies Hackathon 2025 Finalist

ASSESSMENTS / CERTIFICATIONS

NPTEL Cloud Computing

Aggregate: 79 / 100

Key Skills: AWS Cloud Infrastructure

Java Programming Beginner to Advance

Key Skills: Core Java OOPs JDBC Collection Framework Exception Handling Java Swing

POSITIONS OF RESPONSIBILITY

Secretary - Acm Student Chapter

As the Secretary of the ACM Student Chapter, I am responsible for recording meeting minutes, ensuring accurate documentation of key discussions and decisions. I manage all chapter communications, including handling correspondence and sending out announcements. Additionally, I play a key role in coordinating chapter activities, assisting with event organization, and maintaining up-to-date member records.

SEMINARS / TRAININGS / WORKSHOPS

Super 30 (Full Stack Development + JAVA + DSA + Devops)

20 Apr, 2024 - 23 Mar, 2025

Institute Name: MIT Academy of Engineering, Pune

Key Skills:

HTML5 CSS3 Javascript MySQL React.js Express.js Core Java DSA Java Swing Git Github Gitlab
Project Management Skills Docker

Super 30 Programme is a 3 semester funded training session organised by MIT Academy of Engineering, for some selected students. Each semester we were taught Industry demanded skills and technologies by industry trainers having 15+ years of experience. This programme makes us industry ready. Also all students have to do industry standard projects in each semester.

CO-CURRICULAR ACTIVITIES

- Took Bootcamp classes on C++ organized by The Knowledge Network
- Managed Web development event as Tech lead organized by The Knowledge Network

PERSONAL INTERESTS / HOBBIES

- Singing

WEB LINKS

- Github - <https://github.com/Amrik-Bhadra>
- Other - https://leetcode.com/u/amk_code10/
- Other - https://www.hackerrank.com/profile/amrik_bhadra1