

# YUG SWARNKAR

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Bengaluru - India

in [Linkedin](#)

Github

Leetcode

## PROFESSIONAL SUMMARY

Results-driven **Electronics and Communication Engineering** graduate with hands-on experience in **full-stack development**, specializing in building scalable and secure applications using **Java, Spring Boot, React.js, and AWS**. Proven ability to deliver impactful results, including **reducing fraudulent activity by 90% and improving data fetch times by 30%**. Seeking to leverage these skills in a challenging **Software Development Engineer** role to contribute to innovative projects and solve complex problems.

## EXPERIENCE

### Software Development Intern

ITJobX

June 2024 - Aug 2024

Gurugram, India

- Reduced fraudulent bot activity by 90% by designing and implementing a robust user authentication system from the ground up, significantly improving platform integrity.
- Engineered a secure login/signup workflow using modern security practices, ensuring data protection and a seamless user experience.
- Developed and optimized RESTful APIs using Spring Boot, resulting in a 30% reduction in data fetch time through efficient query performance tuning.
- Collaborated within an agile team to contribute to the full software development lifecycle, from requirements gathering and design to deployment and maintenance.

### Open Source Contributor

GirlScript Summer of Code

May 2023 - Aug 2023

Remote

- Demonstrated Ownership by independently identifying, triaging, and resolving over 10 critical issues in a large-scale, collaborative open-source project.
- Improved overall platform stability and performance by 20% through targeted bug fixes, feature enhancements and comprehensive documentation.
- Worked effectively with a diverse community of over 500 developers, participating in code reviews and adhering to professional software engineering best practices..

## PROJECTS

### Room Booking System - Roomeo

- Engineered a scalable, full-stack room booking platform designed to manage over 500 concurrent users, addressing the need for an efficient and reliable scheduling solution.
- Implemented secure, JWT-based authentication and authorization to protect user data and control access to features.
- Leveraged AWS S3 for scalable and cost-effective media storage, ensuring high availability and fast content delivery for property images and user uploads.

- Built a responsive and intuitive user interface with React.js, improving user experience and streamlining the booking process. [Link](#)

### LinkedIn Auto-Connect Chrome Extension

- Took initiative by developing a browser extension to automate the LinkedIn connection request process, reducing manual networking effort by over 90%.
- Engineered the extension with randomized delays to mimic human behavior, enhancing user trust and ensuring account safety.
- Designed a user-friendly interface that allowed for easy management of automated tasks, directly improving user productivity. [Link](#)

## TECHNICAL SKILLS

### Languages

- Java, Python, JavaScript, HTML5, CSS3

### Frameworks & Libraries

- Spring Boot, React.js, Node.js, Redux
- Tailwind CSS, Material UI

### Databases

- PostgreSQL, MongoDB, Redis

### Developer Tools & Platforms

- Git, GitHub, Postman, AWS (S3, EC2), Netlify, Docker

### Core Concepts

- Data Structures, Algorithms, Object-Oriented Design (OOD), RESTful APIs, System Design

## EDUCATION

B.Tech ECE – CGPA: 7.0

Bharati Vidyapeeth College of Engineering

2021 – 2025

Pune, Maharashtra

- Relevant Coursework: Data Structures and Algorithms, Object-Oriented Programming, Database Management Systems, Operating Systems, Computer Networks.