

## PROFESSIONAL EXPERIENCE

### Software Engineer | JPMorgan Chase & Co. | July 2022 - present

- Led the end-to-end design and development of critical applications using Spring Boot Java, ReactJS, Oracle Database, and other technologies.
- Demonstrated exceptional adaptability, rapid learning and independent contribution, earning praise from peers and management for swift integration into diverse projects.
- Crafted tools and utilities that notably increased team productivity, earning recognition from senior management for proactive process enhancement.
- Mentored teams in internal hackathons, participated in presentations, competitions, and engaged in various non-business activities within the organisation.

### Software Engineer Intern | Persistent Systems | Jan 2022 – June 2022

- Designed and implemented software solutions using Spring Boot in Java, React JS, and a SQL database.
- Consistently recognised as a top performer during the 6-month internship, showcasing strong problem-solving skills, and a dedication to delivering high-quality solutions and ideas.

### Full Stack Developer Intern | Germanywale | July 2021 - September 2021

- Worked on developing a University Search Engine for finding universities in Germany, implementing a full-stack application using ReactJS, Firebase, and Google Cloud Platform (GCP) services.

### Volunteer Web Developer | YCCE College | Feb 2020 – March 2020

- Created and deployed a responsive and dynamic website for the Spandan National Conference Event at Yeshwantrao Chavan College of Engineering, Nagpur, leveraging advanced technologies including LAMP Stack, PHP, JavaScript, and MySQL.

## PROJECTS

### PHP Satellite Server & Dashboard App (Feb 2021 – March 2021)

<https://github.com/a6h15hek/php-satellite>

Technology used: PHP, MySQL, REST API, ReactJS, Material UI.

- Engineered a Backend as a Service (BaaS) project deployable on PHP-compatible infrastructures.
- Implemented a User Management System and NoSQL Database (similar to MongoDB), storing data in key-value pairs within documents and Collections.
- Developed a dashboard app for developers and admins using ReactJS and Material UI for the efficient management of the PHP Satellite Server app.

### Chatbot based Crime Registration Portal (July 2020 – July 2020)

<https://github.com/a6h15hek/CrimeRegistrationChatbot>

Technology used: Parcel Bundler, JavaScript, NLP, Decision Tree, Firebase.

- Designed and developed a web application enabling real-time crime reporting through a chatbot for victims, ensuring remote and instant assistance. Upon the victims' responses, the chatbot generates a report for officers.
- Developed a trainable chatbot with the capability to incorporate new question datasets without explicit programming. Utilized a decision tree logic for effective and dynamic questioning

### BunkSquad: Attendance Manager & Polling App (Aug 2020 -May 2021)

<https://a6h15hek.github.io/bunksquad-website/>

Technology used: Android, Java, Firebase services, Cloud Firestore database.

- Created an Android app for real-time attendance tracking and management, generating reports for students of their attendance, facilitating real-time management.
- Implemented a polling feature that enables users to create or join groups, initiate multiple-choice question polls, gather votes, and facilitated group decision-making. Users receive comprehensive statistical reports of all submitted votes.

## EDUCATION

B.E in Computer Science | YCCE,  
Nagpur, India

July 2018 - June 2022)

CGPA: 8.56/10

## SKILLS

Java (Spring Boot)

JavaScript (NodeJS, ReactJS)

SQL & NoSQL databases

Full-stack Developer

Android Development, Web  
development

LAMP stack, MERN stack

HTML5/CSS

Unix, Git

Problem Solving, Planning

## ACHIEVEMENTS

- AWS Certified Cloud Practitioner, demonstrating expertise in cloud computing and achieving certification.

- Winner of a Cash Prize in the EG-100 Educational Game Development Hackathon 2021, organized by CDAC Mumbai and IEEE Bombay Section, showcasing expertise in educational game design.

- Finalist in GovTechThon 2020, hosted by IEEE Computer Society and supported by Oracle India and the National Informatics Centre (NIC) India.

- Successfully cracked the Graduate Aptitude Test in Engineering (GATE) in 2021, showcasing proficiency in engineering concepts.

- Finalist in the World's Biggest Open Innovation Model Smart India Hackathon (SIH) 2020, hosted by the Ministry of Human Resource Development (MHRD).

- Earned the first runner-up title at the 2022 IEOM Society - 2nd India International Conference Paper Competition, highlighting prowess in research and innovation.

