

HRITIK KUMAR

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SKILLS

- Java | C++ | Javascript | TypeScript | Python | Spring Boot(Java) | Express.js (Node.js) | Django (Python) | React.js | RESTful APIs
- MySQL | PostgreSQL | MongoDB | AWS (EC2, S3, Lambda) | Docker | GitHub Actions | CI/CD tools | Git | GitHub | ORM | DSA
- OOPs Principles | Design Patterns | Multithreading | Postman | Debugging tools | IntelliJ IDEA | Eclipse | VS Code | Maven | JWT | OAuth

EXPERIENCE

Software Engineer Fellow

HeadStarter AI

Remote 07/2024 - 02/2025

- Built **5+ AI apps** and APIs using **NextJS, OpenAI, Pinecone, StripeAPI** with **98% accuracy** seen by **1000 users**.
- Developed projects from design to deployment along 4+ engineering fellows using **MVC design patterns**.
- Accomplished cross-functional engineering growth as measured by outcomes on **Agile, CI/CD, Git, and microservice architecture**.

Software Engineer Intern

Major League Hacking

Remote 09/2023 - 11/2023

- Identified and mitigated performance bottlenecks, resulting in a significant **60% improvement** in overall project efficiency.
- Implemented robust version control techniques, leading to **30% reduction** in errors & enhanced project performance.
- Optimised **SQL database queries**, reducing **page load time by 15%** and enhancing overall application performance.
- **Tech Stack:** Git, Github, Open Source Development, Software Design.

Software Engineer Intern

DesiQna

Remote 08/2023 - 10/2023

- Spearheaded the design and development part of **fully responsive web page** for a particular section of Desiqna.
- Managed user verification / authentication & addressed engineering challenges, resulting in a **30% reduction in fake bots and posts**.
- Integrated recaptcha for enhanced website security - the **Google layer of protection of websites**.
- **Tech Stack:** HTML, CSS, Javascript, Bootstrap, PHP & MySQL.

EDUCATION

Bachelor of Technology

Techno Main SaltLake Kolkata

Kolkata, India

11/2020 - 07/2024

- Major in **Information Technology (7.98 CGPA)**

PROJECTS

• [Springboot CRUD RESTful Web Services \(Link\)](#)

- A complete Spring Boot application providing **RESTful APIs** to manage user entities
- Built using **Spring Boot 3.5.0** with **Spring Data JPA** for **ORM and MySQL** integration
- Implements full **CRUD (Create, Read, Update, Delete) operations** on User entity
- Includes custom exception handling via **ResourceNotFoundException**
- Unit testing with **JUnit and Spring Boot Test** integration
- Deployed using **AWS Elastic Beanstalk** with **AWS RDS** for **MySQL** hosting
- **Tech Stack:** **Java 17, Spring Boot 3.5.0, Spring Data JPA, MySQL, Maven**

• [Employee Management System \(Spring Boot REST API\) \(Link\)](#)

- Robust **RESTful API** for managing employee data using **Spring Boot and MySQL**
- Built with **Spring Boot 3.5** and follows a **layered architecture (Controller, Service, Repository)**
- Implements **CRUD operations** with exception handling via a **custom ResourceNotFoundException**
- Integrates **MySQL** for **persistent data storage** and uses **JPA** for **ORM**
- Utilizes **Lombok** to eliminate **boilerplate code** and simplify **model/service layers**
- Supports unit and integration testing with **Spring Boot Starter Test**
- **Tech Stack:** **Java 17, Spring Boot 3.5, Spring Data JPA, MySQL, Lombok, Maven**

ACHIEVEMENTS

- Secured **AIR 100th** in True Geek Tournament 2021
- Secured **Finalist AIR 917th** in Codekaze Challenge 2023
- Secured **Finalist AIR 245th** in TechGig Code Gladiators 2023
- Secured **AIR 8th** in Geek-O-Lympics 2023 - GeeksForGeeks

OTHERS

- Selected at **Amazon ML Summer School 2023** as an **apprentice** to be part of integrated learning experience in ML.
- Selected at **Social Winter Of Code 2023 - Season 4** as **Open Source Contributor**.