# Arya Rane

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Information Technology student with experience in Java. Ready to apply my skills and learn on the job. Looking for opportunities to grow and contribute in a balanced work environment.

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## EDUCATION

**Atharva college of engineering, Mumbai**                                         **2021 - 2025**
Bachelor of engineering in Information Technology **(CGPA of 7.6)**          Mumbai, Maharashtra

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## EXPERIENCE

**TechCurators**                                                                 **April 2023 - Feb 2024**
*Java Subject Matter Expert(SME)*
- Created custom technical content: Created customized Java-based questions and scenarios for various organizations. These questions were designed to assess candidates' expertise and problem-solving skills in applying Java to complex analytical tasks.
- Reviewed and validated content to ensure accuracy and relevance.

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## PROJECTS

**Java—Based Vacation Rental Web | Java, Spring Boot, SQL**
- Developed a full-stack lodging reservation system using Spring Boot, MySQL, and Thymeleaf, implementing CRUD operations for properties, bookings, and user management with secure authentication (Spring Security).
- Built RESTful APIs for property search, booking management, and reviews, tested via Postman, achieving 90% endpoint reliability.
- Optimized database design with JPA/Hibernate, reducing query times by 40% through proper indexing and entity relationships (OneToMany, ManyToOne).

**Disaster Classification System | CNN, Flask**
- Built a web application to classify disasters using a CNN model trained on web-scraped and Kaggle images.
- Integrated Flask backend with HTML, CSS, and JavaScript frontend to display real-time results.
- Provided medical resource suggestions based on the classified disaster type

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## TECHNICAL SKILLS

**Programming Languages:** Java, HTML, CSS, SQL
**Frameworks:** Spring Boot, Maven
**Networking (CCNA):** TCP/IP, OSI Model, VLANs, Subnetting, Cisco Packet Tracer, Wireshark
**Databases & Tools:** MySQL, ER Diagrams, Joins, Subqueries

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## CERTIFICATIONS

**Career Essentials in Data Analysis by Microsoft and Linkedin**               **August 2024**
Microsoft and Linkedin                                                              Certificate
**Computer Networking**
SimpliLearn                                                                          **April 2024**
**SQL**
Great Learning                                                                 **September 2023**

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## ACHIEVEMENT/ AWARDS

**Technical-Head of Ember, Atharva College of Engineering**               **Jan 2024 - April 2024**
**Represented Atharva College of Engineering in cricket**                **Oct 2023 - March 2025**