

ANAND YADAV

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EDUCATION

Thakur College of Engineering and Technology

Bachelor of Engineering in Information Technology - CGPA - 9.27

2020 – 2024

Mumbai, India

EXPERIENCE

Instinct Innovations

SEP 2024 - Present

Associate Software Engineer | ReactJS, Spring Boot, Java, TypeScript, PostgreSQL, Git

- Developed **Tiny Command**, a no-code automation platform for seamless workflow automation.
- Engineered scalable frontend solutions with **ReactJS** and optimized backend performance using **Spring Boot** and **Java**.
- Enhanced **Tiny Forms** to enable dynamic and customizable form creation within automated workflows.
- Integrated third-party APIs and streamlined development processes using **Git**.
- Implemented robust security measures, including **data validation** and **user authentication**, to protect sensitive information.

Moreton Bay - Video Streaming Application

JUL 2023 - AUG 2023

Web Developer | React.js, Spring Boot, HTML, CSS, JavaScript, Git, JWT, Google OAuth

- Designed and developed a **video streaming platform** where users can upload and stream videos.
- Implemented a **user authentication system** using JWT for secure access and Google OAuth for account creation via email or Google.
- Built an **effective and responsive UI** using React.js to enhance user experience across devices.
- Ensured **seamless REST API integration** between frontend and backend for smooth data handling.

PROJECTS

Health Assist AI ↗ | Python, React.js, Machine Learning

JUNE 2023 - MAY 2024

- Developed a **predictive model** for disease identification by analyzing symptoms provided by users.
- Designed a **user interface** to collect user input on symptoms.
- Implemented and compared four machine learning algorithms: **Random Forest**, **Naive Bayes**, **Decision Tree**, and **K-Nearest Neighbor**, and selected the disease most common among these algorithms.

Flight Booking System ↗ | Spring Boot, React.js, PostgreSQL, Postman

MAR 2023 – MAY 2023

- Developed a **microservice** for **managing flights and bookings**, enabling efficient search and reservation.
- Implemented **user authentication and authorization** to ensure secure access to the booking system.
- Designed **RESTful APIs** for searching, booking, and managing flights, ensuring smooth integration.
- Utilized **PostgreSQL** for efficient data storage and retrieval, ensuring reliable performance.

TrendSift ↗ | Java, Spring Boot, Selenium, MongoDB, React.js

DEC 2022 - JAN 2023

- Developed a **web scraping tool** using Selenium in Java to extract trending topics from Twitter.
- Utilized **MongoDB** to store the extracted trends securely.
- Created a user-friendly frontend with **React.js** to display the extracted trends.
- Automated the entire process to **navigate to Twitter, log in, and perform the scraping**, ensuring efficient and reliable data extraction.

TECHNICAL SKILLS

Languages: Java, JavaScript/TypeScript, SQL, Python, HTML, CSS

Technologies/Frameworks: Spring Boot, ReactJS/TS, Tailwind CSS, Material UI, Selenium, MongoDB, PostgreSQL, Linux

Developer Tools: VS Code, IntelliJ IDEA Ultimate, Postman, Git, GitHub, Docker

CERTIFICATIONS

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|------------------------|---------------------------------|------------------------------|
| • Python - Coursera | • Java - FOSSE IIT BOMBAY | • HTML,CSS & BootStrap-Udemy |
| • Spring Boot - Scaler | • Foundation of Data - Coursera | • MySQL - Scaler |

EXTRACURRICULAR

Association of Computing Machinery (ACM) of TCET | Coordinator

Jul 2023 – DEC 2023

Facilitated seminars, workshops, and resource access for 165+ students, enhancing tech education and community engagement.

Mumbai, India