

Tejas Kapse

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PROFILE SUMMARY

Highly motivated MCA 2nd-year student with hands-on experience in full-stack web development, backend engineering, and desktop application development. Skilled in building scalable applications using Java, Python, React, Node.js, Express.js, and .NET MVC. Strong understanding of OOP, REST APIs, SDLC, and database management with MySQL, SQL Server, and Firebase. Demonstrated ability to deliver end-to-end solutions, collaborate in agile teams, and work with modern development tools. Seeking opportunities in Full Stack Development, Backend Engineering, Java Development, or Python Development.

INTERNSHIP EXPERIENCE

Full Stack Web Development Intern

Hasten Solution

- Developed responsive UI components using **HTML, CSS, JavaScript, and Bootstrap**.
- Built backend modules using **C# and ASP.NET MVC Framework**, integrating business logic and controllers.
- Performed **SQL Server** operations including CRUD queries, schema management, and stored procedures.
- Utilized **Git and GitHub** for version control, branching, and collaborative development.
- Contributed to a production-level **client-based full-stack project**, working closely with cross-functional teams.

EDUCATION

MCA - Master of Computer Applications

2024 – Present | Pune

PES's Modern Institute of Business Studies, Pune. | SPPU University

B.Sc-IT - B.Sc. in Information Technology

2021 – 2024 | Nagpur

Dr. S. C. Gulhane Prerna College of Science, Nagpur. | RTMNU

University

HSC (12th) and SSC (10th)

2018 – 2021 | Nagpur

New English Junior College & High School, Nagpur. | Maharashtra Board

SKILLS

Front-End Development: HTML5, CSS3, JavaScript, Bootstrap, React.js, Streamlit

Back-End Development: Java, Python, Node.js, Express.js, C# ASP.NET MVC

Machine Learning: TensorFlow, Keras, NumPy, Pandas, Matplotlib, CNN Models

Database Management: MySQL, SQL Server, Firebase Realtime Database, Firebase Storage

Tools & Version Control: Git, GitHub, GitHub Actions, VS Code, Google Colab, Postman

Authentication: Clerk Authentication, Firebase Auth, REST APIs

Other Skills: Object-Oriented Programming (OOP), SDLC, Debugging, Error Handling, Unit Testing

Soft Skills: Teamwork, Problem Solving, Communication, Time Management, Adaptability

Languages

English, Hindi, Marathi

PROJECTS

Fruits & Vegetables Recognition Web App - Using Machine Learning CNN Model

Tech Stack: Python, TensorFlow, Keras, CNN, NumPy, Pandas, Matplotlib, Streamlit

GitHub Link: [View Project](#)

- Built a **CNN-based classification model** achieving high accuracy for fruit and vegetable recognition.
- Performed **data preprocessing**, augmentation, and splitting for improved model robustness.
- Evaluated performance using **accuracy, precision, recall, and confusion matrix**.
- Deployed an interactive **Streamlit web interface** for real-time predictions.

Programming Prep - Web App for Programming Resources And Quiz Platform

Tech Stack: React.js, Bootstrap, Express.js, Firebase Storage, Clerk Auth

GitHub Link: [View Project](#)

- Built a full-stack web platform for **notes, links, and quiz management**.
- Implemented **User and Admin dashboards** with dynamic CRUD functionality.
- Integrated **Firebase Storage** for file uploads and resource hosting.
- Added features like **quiz scoring, authentication, role-based access, and content visibility controls**.
- Planned enhancements include chatbot integration, code storage, and real-time quiz scoring.

Daily Mess Service - Java Desktop App

Tech Stack: Java AWT, MySQL, JDBC, iTextPDF

GitHub Link: [View Project](#)

- Developed a standalone desktop application with **login, attendance, and admin dashboard** modules.
- Used **JDBC** for secure and optimized MySQL connectivity.
- Automated monthly bill generation using **iTextPDF**.

Mini Web Projects (HTML/CSS/JS)

GitHub Link: [View Projects](#)

- Currency Converter (REST API)
- Weather App (OpenWeather API)
- Responsive Image Gallery

LEARNING AND DEVELOPMENT

- Building advanced **React applications** with API integration and real-time features.
- Exploring **Firebase**, Authentication flows, and backend service integration.
- Improving **Python development** skills by experimenting with **ML models** and datasets.
- Strengthening version control workflow using **Git, GitHub, and GitHub Actions**.
- Practicing deployment and hosting of full-stack projects.