

Ketan Ohal

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Summary

Skilled **Software Developer** with **1 year of experience** in building scalable **web applications** using **React.js**, **Flask**, and **MongoDB**. Proficient in **API integration**, **role-based access control**, and creating responsive, user-centric solutions. Experienced in working within **agile methodologies** to deliver innovative and impactful software solutions.

Skills

- **Programming Languages:** Python, JavaScript
- **Web Development:** React.js, Flask, HTML, CSS
- **API Development & Integration:** RESTful APIs, Postman, JWT Tokenization
- **Database Management:** MongoDB, SQL
- **Version Control & DevOps:** Git, Docker, Windows/Linux CLI
- **Cloud Technologies:** Familiar with AWS and Azure fundamentals

Certifications

Microsoft Certified: Azure Fundamentals (AZ-900) Issued: April 2024
Validated foundational knowledge of Microsoft Azure and cloud services.

Artificial Intelligence with Python
Friends Union For Energizing Lives (FUEL)
Focused on Python libraries and data analytics for AI applications.

Interests

Exploring emerging technologies, volleyball, taekwondo, and swimming.

Experience

Software Developer (Part-Time)

Oct 2023 – Oct 2024

Pratech Global, Pune

- Built and integrated web applications like Admin Panel, HR Portal, and Resume Builder using modern frameworks.
- Developed scalable Flask APIs with MongoDB, supporting secure JWT authentication and optimized queries.
- Conducted end-to-end testing using Postman, ensuring robust API performance and data validation.
- Collaborated within agile teams, ensuring iterative improvements and delivering solutions on time.

Education

Bachelor's Degree (BE) in Computer Engineering

June 2020 – July 2023

Dr. D. Y. Patil School of Engineering, Pune

CGPA: 8.62

Diploma in Computer Engineering

May 2017 – July 2020

Government Polytechnic Ahmednagar

Percentage: 86%

Projects

Scalable Backend API with Flask and MongoDB

- Designed and implemented **RESTful API** endpoints using **Flask** for efficient data management.
- Integrated **JWT authentication** for secure access and **role-based access control (RBAC)**.
- Optimized **MongoDB** queries for better performance and executed **API testing** using **Postman**.

Admin Panel and Web Applications (React.js)

- Developed and integrated an **Admin Panel**, **HR Portal**, and **Resume Builder** using **React.js**.
- Implemented **CoreUI** for a modern UI/UX and enabled **role-based access control (RBAC)** for user management.
- Built and validated user forms with input validation and search functionality for improved user interaction.
- Deployed applications using **Docker**, set up a **CI/CD pipeline** for continuous deployment on **Azure**, and conducted end-to-end testing and debugging to ensure robustness and reliability.