Akash Wani

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Professional Summary :-

Detail-oriented software developer with expertise in Java, Spring Boot, and REST API development. Skilled in full-stack application design using technologies like React, MySQL, and MongoDB. Adept at problem-solving, quick to adapt to new tools, and passionate about delivering scalable, efficient software solutions.

Education :-

- **Institute for Advanced Computing and Software Development**, Pune
  PG Diploma in C-DAC Computer Programming (08/2024) - **6 GPA**
- **Sinhgad Institute of Technology**, Lonavala
  B.E. in Computer Science (06/2023) - **7.89 CGPA**
- **B.G.P. Sahyadri Jr. College**, Sangamner
  HSC (06/2019) - **69.69%**
- **Digamber Ganesh Saraf Vidyalaya**, Sangamner
  SSC (06/2017) - **82.40%**

Technical Skills :-

- **Programming Languages**: Java, Python
- **Frameworks**: J2EE, Spring, Spring Boot, Hibernate
- **Web Development**: HTML, JavaScript
- **Database Management**: MySQL, MongoDB
- **Tools & Platforms**: Maven, REST API
- **Object-Oriented Programming**: Encapsulation, Polymorphism, Inheritance, Abstraction
- **Soft Skills**: Quick Learner, Adaptability

Certifications :-

- Data Science and Machine Learning with Python (Udemy)
- Ethical Hacking and Cyber Security Workshop.

Projects :-

1.Pizza Quick Serve (CDAC Project)

Technologies: Java, J2EE, Spring Boot, MySQL, React
Developed a web-based application to streamline order management and payment processing for a quick-serve restaurant.

- Designed and implemented the backend with Java, Spring Boot, and REST APIs.
- Secured the application using Spring Security with multi-factor authentication.
- Created a responsive frontend using React and managed the database schema with MySQL.

2.Shortest Route Optimization Using Machine Learning (B.E. Project)

Technologies: Python, Jupyter Notebook, Graph Theory, Optimization Libraries
Developed a machine learning solution to optimize truck delivery routes, improving cost-efficiency and operational timelines.

- Analyzed transportation data and implemented graph theory to identify optimal routes.
- Utilized Python libraries and Min-Max Scaler to enhance model accuracy.
- Documented project methodologies for a peer-reviewed journal publication.

Research Publication :-

Shortest Route Optimization using ML -

1. *Int. Journal of Advanced Research in Science, Communication, and Technology (IJARSCT)*
2.Gaya Journal

Extracurricular Activities :-

- Member of the IEEE Student Branch – Led the photography team and coordinated events.
- Participated in technical workshops on AI and Cybersecurity.
- Hobbies include trekking, traveling, photography, and watching movies.