

AJMAL BASHEER

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SUMMARY

Driven Computer Applications student with hands-on experience across full-stack development, Deployment, and Maintenance. Skilled in Python, Django, and PostgreSQL, with a firm understanding of creating scalable applications, streamlining operations, and optimizing system performance. Adaptable and eager to contribute to innovative solutions and uphold high-quality standards in dynamic IT environments.

EDUCATION

Krupanidhi Degree College

Bachelor of Computer Applications

Bengaluru, Karnataka

Aug. 2021 – July 2024

MIC Higher Secondary School

Commerce

Malappuram, Kerala

June 2017 – March 2019

CORE COMPETENCIES

- Full Stack Development
- System Optimization
- API Development
- Cloud Deployment
- Troubleshooting & Debugging
- Quality Assurance and Testing

EXPERIENCE

WIMD Technologies Pvt Ltd

Software Engineer Intern

May 2024 – June 2024

Bengaluru, Karnataka

- Completed a full-time, ten-day internship with **WIMD Technologies Pvt Ltd**, immersing in real-world scenarios and working on industry-standard tools to complement my academic learning.
- **Developed and Optimized APIs:** Successfully created RESTful APIs using Node.js, implementing secure authentication (JWT) and role-based authorization for data integration between applications, ensuring adherence to industry best practices.
- **Database Design and Performance:** Assisted in designing, maintaining, and optimizing MongoDB databases, including schema creation and indexing, which enhanced data retrieval speed and ensured high performance for large datasets.
- **API Testing and Quality Assurance:** Utilized Postman to develop and execute automated test scripts, identifying and troubleshooting issues across GET, POST, PUT, and DELETE requests, ensuring reliable API performance.
- **Collaborative Problem Solving:** Engaged in team-based debugging and code review sessions, leveraging critical thinking and communication skills to resolve database connectivity and API integration challenges efficiently.

PROJECTS

EduManage | Python, Django, PostgreSQL, Docker

July 2024

- **Developed and Deployed Scalable Web Application:** Built an end-to-end web application using Django and PostgreSQL, enhancing data management and administrative efficiency for users.
- **Cross-Platform Deployment for High Availability:** Implemented on an Ubuntu VPS with Gunicorn and Certbot for SSL, as well as Vercel using serverless functions, ensuring 99%+ uptime.
- **Optimized Database and Security:** Designed efficient database schemas and deployed SSL encryption to secure user data, achieving a 30% improvement in query performance.
- **Collaborative Version Control:** Leveraged GitHub for collaborative development, enhancing workflow efficiency and documentation for seamless project management.

TECHNICAL SKILLS

Programming Languages: Python, Java, JavaScript, SQL, C, PHP, Dart, R

Web Technologies: HTML5, CSS3, React.js, Node.js, Django, Flask, REST APIs

Databases & Tools: PostgreSQL, MongoDB, Docker (containers), Git (version control), Oracle Cloud

Development Tools: VS Code, PyCharm, IntelliJ, Postman, Android Studio