

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 <i>Bachelor of Computer Applications</i>	Bengaluru, Karnataka <i>Aug. 2021 – July 2024</i>
MIC Higher Secondary School <i>Commerce</i>	Malappuram, Kerala <i>June 2017 – March 2019</i>

CORE COMPETENCIES

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

EXPERIENCE

WIMD Technologies Pvt Ltd <i>Software Engineer Intern</i>	May 2024 – June 2024 <i>Bengaluru, Karnataka</i>
<ul style="list-style-type: none">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 <i>Python, Django, PostgreSQL, Docker</i>	July 2024
<ul style="list-style-type: none">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