



# 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

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

## CORE COMPETENCIES

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

## EXPERIENCE

<b>WIMD Technologies Pvt Ltd</b> <i>Software Engineer Intern</i>	<b>May 2024 – June 2024</b> <i>Bengaluru, Karnataka</i>
<ul style="list-style-type: none"><li>– Completed a full-time, ten-day internship with <b>WIMD Technologies Pvt Ltd</b>, immersing in real-world scenarios and working on industry-standard tools to complement my academic learning.</li><li>– <b>Developed and Optimized APIs:</b> 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.</li><li>– <b>Database Design and Performance:</b> 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.</li><li>– <b>API Testing and Quality Assurance:</b> Utilized Postman to develop and execute automated test scripts, identifying and troubleshooting issues across GET, POST, PUT, and DELETE requests, ensuring reliable API performance.</li><li>– <b>Collaborative Problem Solving:</b> Engaged in team-based debugging and code review sessions, leveraging critical thinking and communication skills to resolve database connectivity and API integration challenges efficiently.</li></ul>	

## PROJECTS

<b>EduManage</b>   <i>Python, Django, PostgreSQL, Docker</i>	<b>July 2024</b>
<ul style="list-style-type: none"><li>– <b>Developed and Deployed Scalable Web Application:</b> Built an end-to-end web application using Django and PostgreSQL, enhancing data management and administrative efficiency for users.</li><li>– <b>Cross-Platform Deployment for High Availability:</b> Implemented on an Ubuntu VPS with Gunicorn and Certbot for SSL, as well as Vercel using serverless functions, ensuring 99%+ uptime.</li><li>– <b>Optimized Database and Security:</b> Designed efficient database schemas and deployed SSL encryption to secure user data, achieving a 30% improvement in query performance.</li><li>– <b>Collaborative Version Control:</b> Leveraged GitHub for collaborative development, enhancing workflow efficiency and documentation for seamless project management.</li></ul>	

## 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