

Rakesh K

Associate Software Engineer

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GitHub: <https://github.com/rockyrk2911-spec> | Portfolio: <https://rockyrk23.neocities.org/>

Professional Summary

Results-driven and detail-oriented Python Developer with 6 months of industry experience as an Associate Software Engineer at Accenture. Strong expertise in Python, Django, React.js, and MySQL, with hands-on experience in building scalable web applications and providing technical support in SLA-driven environments. Proficient in full-stack development, REST APIs, and modern JavaScript frameworks. Passionate about writing clean, efficient code and solving real-world problems.

Technical Skills

- **Programming Languages:** Python, JavaScript (ES6+)
 - **Frontend Technologies:** React.js, HTML5, CSS3, Bootstrap, Responsive Design
 - **Backend Technologies:** Django, REST API Development
 - **Databases:** MySQL (CRUD, Joins, Indexing, Query Optimization)
 - **Tools & Platforms:** Git, GitHub, VS Code, PyCharm, ServiceNow, MS Office
 - **Core Concepts:** OOP, Data Structures, MVC Architecture, Authentication & Authorization, API Integration, Debugging
 - **Other Skills:** Incident Management, Troubleshooting, SLA Handling, Production Support
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Professional Experience

Accenture – Bangalore, India

Associate Software Engineer (Contract)

(via E-Softlabs Pvt Ltd)

July 2025 – December 2025

- Provided L1 Technical Support and Service Desk operations for enterprise applications in a high-volume environment.
- Handled incident management, ticket resolution, and user support using ServiceNow.
- Troubleshot application, network, and system issues, ensuring SLA compliance.

- Collaborated with cross-functional teams to escalate and resolve complex technical issues.
 - Gained exposure to production environments, monitoring tools, and ITIL processes.
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Projects

Fitness Tracker Web App (React.js, JavaScript, HTML, CSS, Bootstrap)

- Developed a modern fitness tracking web application using React.js.
- Enabled users to set fitness goals, track daily calorie intake, and log workouts.
- Designed responsive UI components using Bootstrap for improved user experience.
- Implemented state management and dynamic rendering using React hooks.
- Built reusable components and ensured smooth user interaction with optimized performance.

ShopCart – E-Commerce Web Application (Python, Django, MySQL, HTML, CSS, Bootstrap)

- Built a full-stack e-commerce platform with authentication, product management, and secure checkout.
- Used Django ORM for efficient database operations and backend logic.
- Implemented RESTful APIs and responsive UI for seamless user experience.

Traffic Analyzer (Python, OpenCV, MySQL)

- Developed a real-time vehicle detection and speed analysis system using OpenCV.
- Stored vehicle data in MySQL for analysis and reporting.
- Optimized processing speed for improved performance.

React-Based Calculator Application (React.js, JavaScript, HTML, CSS, Bootstrap)

- Developed a responsive calculator using React.js with component-based architecture.
- Implemented arithmetic operations with proper state management and error handling.
- Enhanced UI/UX using Bootstrap and modern CSS styling.

Personal Portfolio Website (HTML, CSS, JavaScript)

- Designed and developed a personal portfolio website showcasing projects and skills.
 - Improved user experience with interactive UI and responsive design.
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Education

- **M.Sc. Computer Science** – University of Madras (2021–2023) – 80%

- **BCA** – University of Madras (2018–2021) – 75.8%
 - **HSC** – State Board – 64.6%
 - **SSLC** – State Board – 77.8%
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Certifications

- IBM Python & JavaScript Certification (2023)
 - NCC C Certificate (2021)
 - NCC TCS-IGC Certificate (2019)
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Activities & Interests

- Problem-solving on coding platforms (Data Structures & Algorithms)
- Reading technology blogs and learning new frameworks
- Photography and photo editing
- Exploring AI and modern web technologies