

# NOBIN RAJEEV

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## Professional Summary

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Enthusiastic MCA student with strong skills in full-stack development, cloud deployment, IoT systems, and software engineering. Experienced in developing real-world applications including AI-assisted government service platforms, IoT security systems, and mobile/web applications. Skilled in modern programming languages, databases, and cloud platforms, with a passion for solving problems and creating impactful digital solutions.

## Technologies

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**Programming:** C, C++, Java, Python, JavaScript, Dart

**Frameworks & Tools:** Flask, MERN Stack, Flutter, Android, REST APIs

**Cloud/DevOps:** Docker, AWS, Azure, GCP, EC2, Cloud Deployment, Containers, GitHub, Git

## Projects

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### Sahayak AI – Akshaya Service Automation (Full Stack + AI)

- Developed a bilingual web platform to assist citizens in accessing Kerala government services.
- Implemented document guidance, appointment booking, and secure user, staff, and admin modules.

### Smart Locker Security System (ESP32, IoT)

- Built an IoT-based locker security system using ESP32 and multiple sensors.
- Enabled unauthorized access detection and real-time alert monitoring.

### Daily Expense Tracker – PHP, MySQL

- This web application helps users track, organize, and analyze their daily expenses in a simple and efficient way.
- Implemented authentication and MySQL-based data storage.

### Healthy Food Store – Python, Android

- Developed a mobile and web application for ordering nutritious food products.

## Education

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### Master of Computer Applications (MCA)

Amal Jyothi College of Engineering (Autonomous), Kanjirappally

CGPA: 7.98

2024 – 2026

### Bachelor of Computer Applications (BCA)

St. George's College Aruvithura, MG University

CGPA: 7.6

2021 – 2024

### Higher Secondary Education

St. Thomas HSS Erumely

86%

2021

## Internship

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### Flutter Developer Intern

1 Month

- Worked on designing and developing a cross-platform recipe mobile app using Flutter and Dart.
- Implemented responsive UI components, intuitive navigation, and integrated backend services for a seamless user experience.
- Gained hands-on experience in mobile app development, debugging, and Flutter state management.

## Experience

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### Academic and Personal Projects

- Developed full-stack, IoT, and cloud applications using MERN, Python, Android, ESP32, and DevOps tools.

## Certifications

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- NPTEL – Human-Computer Interaction (2025)
- NPTEL – Cloud Computing (2025)
- NPTEL – Internet of Things (2025)

## References

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**Bincy Micheal** — HoD, BCA Department  
St. George's College Aruvithura  
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