

Arun Radhakrishnan

Software Engineer

Contact Information

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Location: Thodupuzha, Idukki

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Professional Summary

Software Engineer with 4 years of experience, including 2 years as a Python Developer and 2 years as a Software Engineer. Demonstrated expertise in developing applications across multiple platforms, including macOS, Android, iOS, and web. Strong proficiency in Flutter and React, with extensive knowledge of Python and Django for web application development. My strongest skills include a solid technical foundation, excellent communication and organizational abilities, and a continuous drive to learn and improve. Capable of working independently and collaboratively in a team environment.

Skills

- ✓ **Programming Languages:** Python, JavaScript, TypeScript, Dart, C, C++
- ✓ **Web Development:** HTML, CSS, MVT
- ✓ **Databases:** MSSQL Server, SQLite3, Firebase
- ✓ **Frameworks/Libraries:** Flutter, React, Django, Django Rest Framework, JQuery, Bootstrap
- ✓ **Technologies:** Web Scraping, Computer Vision
- ✓ **Tools:** Git, VS Code

Work History

Software Engineer, Nortcele System

May 2022 - Current

- Design, develop, and maintain cross-platform mobile applications using Flutter for macOS, Android, and iOS.
- Build dynamic and responsive web applications with React.
- Conduct code reviews to ensure code quality and adherence to best practices.
- Optimize applications for maximum speed and scalability.
- Troubleshoot and debug issues across multiple platforms and the entire stack.

Python Developer, Nevitech Data Solutions Pvt.Ltd.

November 2019 - April 2022

- Developed and maintained web applications, enhancing functionality and user experience.
- Collaborated with cross-functional teams to deliver high-quality software solutions.
- Implemented features and resolved bugs to improve application performance.

- Managed and supported multiple projects concurrently.

Education

B.Sc Computer Science

College of Applied Science, Thodupuzha
January 2018

Plus Two

Technical Higher Secondary School, Muttom
March 2015

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Technical Higher Secondary School, Muttom
March 2013

Certifications

- 🌟 Completed Training in "Python / Perl Full Stack Developer", 01/2019 - 05/2019, Quest Innovative Solutions Pvt Ltd

Languages

- 🗣️ English
- 🗣️ Malayalam
- 🗣️ Hindi
- 🗣️ Tamil

Projects

Integrated Facility Management (IFM)

Platform: Dart, Flutter, Node JS, MongoDB, Firebase

Company: Nortcele Systems, Bengaluru

Duration: Feb 2022 – Till date

Role: Software Engineer

Scope: The Integrated Facility Management (IFM) application is developed in Flutter for use in apartments, focusing on security and availing various services and facilities. The project includes three major versions: Resident App, Security App, and Admin (Web).

- **Visitor Management:** Ensures security for all residents to avoid fraudulent activities. Security personnel can alert or call residents from the app, and once approved, the visitor is allowed to enter the premises.
- **Service Requests:** Residents can avail various services such as room cleaning, laundry, and car cleaning through this module. Upon receiving a request, the admin assigns a service engineer and generates an invoice.
- **Amenity Bookings:** Residents can book amenities like the gym and swimming pool through the app. The admin reviews and approves booking requests.

- **Finance Module:** A web-based application to handle and track all invoice-related transactions, generate monthly invoices, and track payments.

Influencer Commerce (Incom)

Platform: React Native, React JS, .Net Core, PostgreSQL

Company: Nortcele Systems, Bengaluru

Duration: Nov 2023 – Till date

Role: Software Engineer

Scope: The Influencer Commerce project integrates three key components: Influencers, Brands, and Admins. This comprehensive platform facilitates seamless interactions and transactions among all stakeholders, available on web, Android, and iOS versions.

➤ Influencer:

- **Profile Management:** Allows influencers to create and manage their profiles, showcase portfolios, and track engagement metrics.
- **Campaign Participation:** Enables influencers to collaborate on promotions and earn commissions through sales tracking.
- **Analytics Dashboard:** Provides insights into performance metrics, audience demographics, and campaign effectiveness.

➤ Brand:

- **Campaign Creation:** Brands can create and manage marketing campaigns, set goals, and define target audiences.
- **Influencer Collaboration:** Facilitates partnerships with influencers, including contract management and performance monitoring.
- **Sales Tracking:** Monitors sales generated through influencer promotions, providing detailed reports on ROI and campaign impact.

➤ Admin:

- **Platform Management:** Oversees the overall operation of the platform, including user management and system maintenance.
- **Content Moderation:** Ensures quality control and compliance with platform policies.
- **Analytics and Reporting:** Provides comprehensive analytics and reporting tools for monitoring platform performance and user activity.

MUC (Web Application)

Platform: Web Application

Company: Nevitech Data Solutions

Duration: November 2019 - April 2022

Role: Python Developer

Scope: The MUC Web Application serves as an interactive platform for both faculties and students to access and view published course-wise results, enhancing transparency and accessibility of academic performance.

- **Results Management:** Facilitates the publishing and viewing of results course-wise, enabling students to track their performance.
- **User Management:** Allows faculties to manage user roles and permissions, ensuring a secure environment.
- **Performance Analytics:** Provides analytics tools for both students and faculties to analyze results trends over time.