

# Nikhil Prakash

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## OBJECTIVE

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Analyst with close to one year of experience and over two years as a freelance developer, dedicated to delivering high-quality software solutions. Seeking a full-time Developer role to leverage analytical expertise and technical proficiency in contributing to impactful and innovative projects.

## EDUCATION

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**College of Engineering Chengannur**, Master of Computer Applications Oct 2022 – May 2024  
Major: Computer Applications

**Naipunya School Of Management**, Bachelor of Computer Applications Jun 2018 – May 2021  
Major: Computer Applications

## EXPERIENCE

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**Associate System Analyst**, Envestnet Yodlee Dec 2021 – Oct 2022

- Improved application stability and performance by troubleshooting and resolving complex issues, leading to a 20% reduction in recurring problems and a 30% faster resolution time, enhancing user experience.
- Increased team efficiency by 35% and reduced code conflicts by 40% through effective use of code management and collaboration tools such as Perforce, Jira, and ServiceNow.
- Leveraged monitoring tools like Splunk for performance analysis, enabling faster issue identification and enhancing system reliability across applications.

## INTERNSHIPS

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**Intern, IT Department**, Abarna Colours Mar 2023 – Jun 2023

- Enhanced website performance and user experience through regular maintenance and updates, achieving a 25% increase in client satisfaction.
- Conducted thorough testing and debugging, leading to a 40% improvement in site reliability by identifying and resolving critical issues.
- Managed hosting and deployment processes, ensuring smooth launches and reducing deployment-related issues by 30% using technologies such as PHP, CodeIgniter, JavaScript, React, Node.js, Ajax, MySQL, and REST APIs.

**Intern, Software Development**, Tata Elxsi Oct 2023 – Jun 2024

- Collaborated in agile sprints, ensuring timely delivery and high-quality code while adapting quickly to new technologies, reducing onboarding time by 40%.
- Developed prototypes to streamline testing cycles, cutting development time by 35% and raising client satisfaction by 45%.
- Spearheaded requirement engineering and functional safety integration, including requirement writing, reverse engineering, and test case development, improving documentation and alignment with project goals.

## PROJECTS

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### Complete Summarizer (MCA Major Project)

[github.com/nikhilljpskj/Text](https://github.com/nikhilljpskj/Text)

- A web application that summarizes video and text content using TF-IDF and a fine-tuned BART model.
- Tools Used: Python

### Bus Ticket Booking System

[github.com/nikhilljpskj/WR](https://github.com/nikhilljpskj/WR)

- Developed a bus ticket booking system with seat selection, ticket generation, and payment processing.
- Tools Used: Java

### Hospital Website with CMS

[github.com/nikhilljpskj/CM](https://github.com/nikhilljpskj/CM)

- Developed a hospital website featuring booking management and real-time updates via messaging and email.
- Tools Used: React.js, Node.js

### Online Booking and Membership Registration

[github.com/nikhilljpskj/KC](https://github.com/nikhilljpskj/KC)

- Developed an online booking and membership registration system.
- Tools Used: PHP

### ERP + Inventory Management System

[github.com/nikhilljpskj/erp](https://github.com/nikhilljpskj/erp)

- Created an ERP and inventory management system for companies.
- Tools Used: PHP, CodeIgniter

### ERP Project

[github.com/nikhilljpskj/CIT](https://github.com/nikhilljpskj/CIT)

- Developed an ERP project featuring employee management, stock management, booking and delivery management, and inventory management with real-time updates via email and WhatsApp.
- Tools Used: React.js, Node.js

### Hangman Game API

[github.com/nikhilljpskj/HM](https://github.com/nikhilljpskj/HM)

- Developed a Django Rest Framework-based API to power the frontend for a Hangman game.
- Tools Used: Django

## Technologies

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**Programming Languages:** PHP, JavaScript, Java, Python, SQL, HTML, CSS, C++

**Web Development:** React, Angular, Native, Node.js, Flask, Django, ASP.NET

**Web Frameworks:** CodeIgniter, Laravel, Spring Boot, Bootstrap, jQuery

**Databases:** MySQL, SQLite, Firebase, MariaDB, SQL Server

**Version Control:** Git, Perforce, GitHub

**Tools and Management:** Splunk, Jira, ServiceNow, MS Office

**Deployment:** Vercel, AWS

## Certifications

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**Network Automation Professional Certificate**

06/2024

*Arista Networks*

**Docker Foundations Professional Certificate**

04/2024

*Docker*

**Software Testing Professional Certificate**

04/2024

*LambdaTest*

**Database Management Systems**

05/2023

*NPTEL - IIT Kharagpur*

**Cloud Computing**

06/2023

*NPTEL - IIT Kharagpur*