

# JAGAN RAJ C J

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## PROFILE SUMMARY

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Full-stack developer focused on modern web applications and cybersecurity, with expertise in Full-stack JavaScript development, and other modern technologies. Experienced in web penetration testing, enabling the development of secure, resilient applications. Experienced in identifying and resolving vulnerabilities across various web environments.

## PROFESSIONAL EXPERIENCE

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### Incial

*Full Stack Web Developer Intern*

### Part Time - Hybrid

*September 2024 – Present*

- Engaged in the design and development of web applications utilizing Next.js. Focusing on creating efficient backend services and RESTful APIs to ensure smooth data flow.
- Designed and implemented user-friendly landing pages and interactive UI components using React, ensuring responsive design and cross-browser compatibility.
- Collaborated with cross-functional teams to define, design, and ship new features, participating in code reviews to maintain high-quality standards.

### Hackerone Inc

*Security Researcher & Bug Bounty Hunter*

### Freelance - Remote

*January 2020 – April 2023*

- Successfully identified and reported medium-severity security vulnerabilities in high-profile platforms including Stripe, Exness, and Wayfair, among others.
- Demonstrated comprehensive expertise in various ethical hacking techniques and penetration testing methodologies, including vulnerability assessment, exploitation, and security analysis.
- Contributed to improving the security posture of multiple companies through proactive vulnerability discovery.

## PROJECTS & OUTSIDE EXPERIENCE

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### HELIOS TRADING – Trade Journaling Platform

*bit.ly/helios-trading*

- SaaS platform tailored for traders to journal their trades and derive actionable insights.
- Integrated advanced analytics and statistical insights to help traders analyze patterns, optimize strategies, and improve decision-making over time.
- Next.js | TypeScript | MongoDB | Microservice with Python Flask | Tailwind CSS | Rest API

### FX EDGE – Currency Market Research Platform

*bit.ly/fxEdge*

- Designed to assist Foreign Exchange traders in analyzing the market and making informed data-driven decisions.
- Developed customizable dashboards that provide real-time data visualizations, enabling users to track currency trends and key economic indicators.
- React.js | Node.js | Express | Mongo DB | Rest API | Material UI

### OPENSYNTH – NASA Space Apps Hackathon

*bit.ly/opensynth*

- Developed during the NASA Space Apps Challenge, OpenSynth facilitates collaboration among open-source contributors and creators.
- Created features for seamless project discovery and team matching, allowing contributors to find projects aligned with their skills and interests.
- PHP | MySQL | Bootstrap | jQuery

### IEDC AJCE – Amal Jyothi IEDC Web Platform

*bit.ly/iedc-ajce*

- A comprehensive online hub for IEDC activities at Amal Jyothi College of Engineering, showcasing projects and innovation stories.
- Enabled streamlined event registration, news updates, and resource access, encouraging active student participation.
- Next.js | TypeScript | Tailwind CSS | Shadcn UI

## EDUCATION

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### Amal Jyothi College of Engineering (Autonomous)

*Integrated Master of Computer Applications*

- **University:** APJ Abdul Kalam Technological University
- **CGPA:** 7.7
- **Relevant Courses:** Data Structures and Algorithms, Advanced Database Management Systems, Advanced Programming, Computer Networks and Security, Software Engineering, Cloud Computing, Machine Learning and Data Analytics

**Kanjirapally (Kottayam)**

*August 2020 – April 2025*

### S.N.D.P Higher Secondary School

*Bio Mathematics*

- **Board:** Directorate of Higher Secondary School
- **GPA:** 8.6
- **Relevant Courses:** Mathematics, Physics, Chemistry, English

**Karamvely (Pathanamthitta)**

*June 2018 – March 2020*

## ACHIEVEMENTS

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### Second Prize - SINOVA Hackathon '24

*Secured second prize in SINOVA '24 Hackathon conducted by SCMS College Muttom.*

### First Prize – Init() Hackathon

*Secured first prize in Init() Hackathon conducted by Amal Jyothi College of Engineering Kanjirapally.*

### NASA Space Apps Hackathon

*Participated in the NASA Space Apps Challenge 2023, an international hackathon conducted by NASA.*

## INVOLVEMENTS

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### Web Team Lead

*Led a team of five in developing web application for the local NASA Space Apps Challenge 2024 local event.*

### Web Development Team Member at Startup Valley TBI

*Worked with the Startup Valley TBI team to design and implement web applications.*

## CERTIFICATIONS

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**AWS Academy** - AWS Cloud Foundations

**Great Learning** – Docker Best Practices

**Cybrary** – Penetration Testing and Ethical Hacking

**EC-Council (Codedred)** - Digital Forensics Essentials

## SKILLS & INTERESTS

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**Technical Skills:** Full Stack Development, Version Control, Linux, Vulnerability Assessment, Microsoft Office

### Programming Languages, Frameworks & Libraries:

- Frontend: React.js, Next.js, TypeScript, JavaScript
- Backend: Node.js, Express, Python, PHP
- Database Technologies: MongoDB, MySQL, PostgreSQL
- Styling & UI: Tailwind CSS, Material UI, Shadcn, Bootstrap
- Other Tools: React Query, tRPC, Docker, Prisma, Mongoose, jQuery, NextAuth

**Interests & Hobbies:** Cyber Security, Financial Markets, Chess

**Languages:** English (intermediate), Malayalam (native)