

# JAGAN RAJ C J

+91 85900 54124 | jaganrajcj01@gmail.com | linkedin.com/in/jaganrajcj | www.jaganrajcj.com

## PROFILE SUMMARY

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Full-stack developer with a focus on modern web applications and a strong foundation in cybersecurity. Proficient in full-stack JavaScript development and modern technologies, with extensive experience in web penetration testing to ensure the creation of secure and resilient applications. Also, skilled in identifying and resolving vulnerabilities across diverse web environments.

## PROFESSIONAL EXPERIENCE

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### Trust Tech Solutions

**Full Time**

*React Developer*

*February 2025 – Present*

- Helped enhance a high-impact CRM platform that automated customer relations and marketing for thousands of users, improving efficiency and engagement.
- Contributed to migrating the internal CRM to React ensuring improved performance, scalability, and a more intuitive user experience.
- Focused on performance optimizations, usability enhancements, and efficient state management to ensure a seamless and responsive application.

### Incial

**Part Time - Hybrid**

*Full Stack Web Developer Intern*

*September 2024 – January 2025*

- 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

**Freelance - Remote**

*Security Researcher & Bug Bounty Hunter*

*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

## EDUCATION

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### Amal Jyothi College of Engineering (Autonomous)

*Integrated Master of Computer Applications*

**Kanjirapally (Kottayam)**

*August 2020 – April 2025*

- **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

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

*Bio Mathematics*

**Karamvely (Pathanamthitta)**

*June 2018 – March 2020*

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

## 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 (Full Professional Proficiency), Malayalam (Native)