

Joel Varghese

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🌐 <https://www.linkedin.com/in/joelvarghese6/>

SKILLS

Languages

JavaScript, TypeScript, Python, C++, Golang, Rust, SQL,

Technologies and Frameworks

Next.js, Vite, Hono, Node.js, DynamoDB, Lambda, Cognito, Clerk, Cobra, Flask, Anchor, Git, Postgres, MongoDB, Prisma, Linux, Shadcn, Tailwind CSS,

PROJECTS

OSINT based IDS

2020

Developed a Python-based intrusion detection system with a Flask web dashboard that collects data from sources like PhishTank, VirusTotal, and SecurityTrails, using Tcpcat to capture and analyze network traffic.

Ignite

2020

Secured \$4998 in funding for IEEE SB VJCET to mount two solar panels generating 250–400 watts per hour at a rural school, configured six desktop computers for students, and conducted technical workshops to upskill teachers.

EDUCATION

B.Tech (Information Technology)

66%

VJCET

05/2018 – 06/2022 | Ernakulam, India

Senior School

62%

Mahatma Gandhi Public School

06/2016 – 03/2018 | Ernakulam, India

Secondary School

72%

Bhavans Vidya Mandir

06/2014 – 03/2016 | Ernakulam, India

INTERESTS

Latest Technology | Books | Movies

PROFESSIONAL EXPERIENCE

Web application developer

MyWroom Conclave

05/2022 – 12/2024 | Remote

Developed a scalable web app boosting signups by 40% and reducing processing time from 2 hours to 2 seconds. Built with React.js, MUI, and Tailwind on the frontend, and AWS services like API Gateway, Lambda, DynamoDB, and Cognito on the backend, handling 50,000+ requests per second.

ACHIEVEMENTS

Runner-up 2023 Monacode Hackathon

Secured second place in the 2023 Monacode Hackathon with a project called *Cricket Bet Bot*. It's a Telegram bot that allows users to place bets on cricket matches using USDC.

ORGANIZATIONS

Institute of Electrical and Electronics Engineers

SB Vice Chairman

12/2019 – 12/2022 | Ernakulam, India

Institute of Electrical and Electronics Engineers

Volunteer

2018 – 2021 | ERNAKULAM, India

National Service Scheme

Volunteer

2018 – 2021 | India

REFERENCES

Mrs. Tiny Molly V, Assistant Professor,

Viswajyothi College of Engineering and Technology
tiny@vjcet.org, 9747821188

Ms. Jesline Joseph, Asst. Professor & HOD,

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