

VINODH KUMAR R

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PROFESSIONAL SUMMARY

Computer Science and Engineering graduate with a year of experience in cloud security and scalable solutions. Strong logical thinking and problem solving skills. Capable of writing high quality code and collaborating efficiently within teams to deliver impactful solutions. Recognized 4 times for academic excellence and innovative project work.

EXPERIENCE

Advisory Analyst - Analyst 2 [Cyber Infrastructure]

Deloitte

Oct 2024 - Present

Bengaluru, Karnataka

Specialize in cloud security, designing secure and scalable cloud infrastructure solutions.

Project

AVTR (Automating Vulnerability Testing and Remediation)

Current

- An automated tool to detect, remediate, or suppress vulnerabilities based on client requirements. Streamlined cloud security workflows by integrating AWS services and Prisma Cloud, enabling efficient vulnerability management and resolution.
- **Client:** Deloitte USI
- **Role:** Developer + Data Engineer
- **Tools & Technologies:** ReactJS, Git, Prisma Cloud, Qualys, AWS - [Security Lake, Config, LakeFormation, EC2, S3, EventBridge, Lambda, Glue, Athena, Bedrock (Knowledge Base, Agents, Flows), Lex, Inspector, Security Hub, SES, SQS SDK (Athena, Lex)]

SKILLS

Languages	Python, Java, JavaScript (ReactJS), Dart (Flutter)
Web Technologies	ReactJS, Tailwind CSS, REST API, UI/UX Design
Databases	MySQL, MongoDB, Neo4j
Cloud Security	Prisma Cloud
Version Control	Git, GitHub
Tools	Figma, Visual Studio Code, PyCharm, Postman
Cloud Skills	AWS - Services [EC2, Lambda, S3, Glue, Athena, Lake Formation, Route 53, VPC Subnets, Load Balancer, IAM, ACM, Inspector, Security Hub, Config, Security Lake CloudTrail, CloudWatch, SES, SQS, EventBridge, Bedrock, Agents, Flows, Lex, SageMaker]
Soft Skills	Leadership, Communication, Problem Solving

EDUCATION

Bachelor's Degree in Computer Science, SNS College Of Technology

2020 - 2024

CGPA: 9.37

Awards: All Rounder Performer Award and Leader of Today Award

Achievements: NPTEL Industry 4.0 and Industrial Internet of Things Course Topper (Top 2%) with Elite and Silver Badge, 5 Star Gold rank in HackerRank – Java

Leadership: President of Xenix Association and Regex Club of CSE Department.

Higher Secondary, Mani Higher Secondary School

2019 - 2020

Percentage: 85.8%

Award: Mani Magan Award

Leadership: President of Interact Club.

Secondary, Vimal Jyothi Convent Matriculation Higher Secondary School

2017 - 2018

Percentage: 94%

Award: State III and District I in English Proficiency Test by Bharat Institutions

INTERNSHIPS

Software Developer Intern

June 2024 - July 2024

CodeWents

Coimbatore, TN

- Developed scalable software solutions using REST API and Python - Flask. Created clear documentation with Sphinx. Managed projects with Jira and maintained code quality with Git and GitHub.
- Tech Stacks: REST API, Python - Flask, Sphinx Documentation, Git & Github

Data Science Intern

Feb 2023 - Mar 2023

Lets Grow More

Coimbatore, TN

- Implemented data science projects, demonstrating proficiency in various machine learning techniques. Successfully completed an Iris flower classification project, Developed an image-to-pencil sketch transformation model, showcasing expertise in computer vision and deep learning. Conducted stock market prediction analysis, applying time series forecasting methods to predict trends and provide insights.
- Tech stacks : Python

Web Developer Intern

Jul 2022 - Aug 2022

Prime Solutions

Coimbatore, TN

- Worked on front-end development using HTML, CSS, and JavaScript to create dynamic and responsive web pages. Managed database systems using MySQL, ensuring smooth data storage and retrieval.
- Tech Stack: HTML, CSS, JavaScript, MySQL.

Software Developer Intern

Dec 2021 - Jan 2022

Mr. Intelligence Inc

Coimbatore, TN

- Developed and designed user interfaces using the Flutter framework, focusing on creating responsive and visually appealing applications. Gained hands-on experience with Flutter widgets to enhance UI components and improve user experience.
- Tech Stack: Flutter

PROJECTS

Trash Classification. Led the development and deployment of an AI-powered trash classification system, achieving a classification accuracy of 95% and reducing incorrect waste disposal by 30%

Tech Stack: HTML, CSS, Flask(Python), Machine Learning(Keras, Tensorflow), Opencv, NumPy ([Github](#))

Driver Drowsiness Detection. Led the development and implementation of a driver drowsiness detection system, achieving a reduction in drowsy driving incidents by 20%

Tech Stack : Python - OpenCV, dlib, NumPy, Machine Learning(Classification, Regression trees) ([Github](#))

Face Recognition Contributed to the development and deployment of a facial recognition solution with Adam Hechtay library featuring 68 landmarks

Tech Stack : Python - Opencv, Numpy, dlib, face recognition, Machine Learning(scikit-learn) ([Github](#))

CERTIFICATIONS

- Neo4j Certified Professional - 2025
- AWS Certified Machine Learning Speciality - 2025
- AWS Certified Machine Learning Associate - 2025
- AWS Certified AI Practitioner - 2025.
- Prisma Certified Cloud Security Engineer (PCCSE) - 2024
- Google Cybersecurity - 2024
- HackerRank Python - 2024
- Wipro Java Full Stack - 2024
- NPTEL Industry 4.0 and Industrial Internet of Things Course Topper (Top 2%) with Elite and Silver Badge - 2023
- IBM Enterprise Design Thinking Practitioner.

PUBLICATIONS

- Co-author of the anthology "Day Dreamer" published in Amazon Link - ([Day Dreamer](#))
- Brain Controlled Car for disabled using Artificial Intelligence published in IJERT..

LANGUAGES

- English, Proficient
- Tamil, Native Speaker
- Can understand Hindi