

ALAN LOOVEES

Software Developer — Data Analyst

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Professional Summary

Software Developer & Data Analyst with expertise in **Ruby on Rails, Typescript, ReactJS, Solidity, and Web3**. Strong background in **data visualization, backend development, and full-stack engineering**. Passionate about **web development, product creation, and maintaining scalable software solutions**.

Education

M.Sc. in Data Analytics, Technological University of the Shannon: Midlands Midwest (TUS), Limerick, Ireland

Grade: 1:1 — 2023 – 2024

B.Tech in Computer Science and Engineering, APJ Abdul Kalam Technological University (KTU), Angamaly, India

Grade: 74% — 2017 – 2021

Professional Experience

Software Developer, BigBinary, Kerala, India

July 2021 – Dec 2022

- Developed **smart contracts using Solidity** for **Gas-less minting** and NFT minting on the Ethereum blockchain.
- Built **ReactJS & Web3-based frontends** for blockchain applications.
- Designed a to-do app (Granite) using **Ruby on Rails & ReactJS**.
- Created a knowledge-base app (Scribble) using **Ruby on Rails & React**.
- Developed **Instagram & WhatsApp chat integrations** using **Ruby on Rails & React**.
- Engineered a **Rails-based authentication engine** for various Neeto products.
- Integrated **Facebook & Google Auth** for seamless authentication.
- Developed **Milestones feature** for a manual and automated test management system (neetoTestify) using **Ruby on Rails & React**.

Front-End Developer (Freelance), Jobgap (Remote) *March 2025 – Present*

- Overhauled the onboarding system, adding **multi-step forms** for enhanced data collection.
- Developed a **user dossier feature** enabling data viewing, editing, and deletion.
- Fixed various bugs in the product and identified issues on the production server.
- Added and removed various content on the website.

Internships

Data Engineer - Web Scraping, Orcawise (Remote, Ireland)

Feb 2024 – Aug 2024

- Built **automated data pipelines** for web scraping using **Python & Selenium**.
- Developed real-time dashboards for **data visualization using Tableau**.

Full Stack Developer Intern, Centre for Cyber Innovation, FISAT, Angamaly, India
Oct 2018 – Jul 2021

- Contributed to **full-stack applications** using **Django, ReactJS, and PostgreSQL**.

Android Development Intern, Quovadis Robosofttech, Thiruvananthapuram, India
Jun 2018

- Developed **Android applications** using **Java**.

Technical Skills

Programming Languages: TypeScript, Python, R, Ruby, JavaScript, HTML, CSS, Solidity, Swift, SQL, PL/SQL

Data Analysis & Visualization: Tableau, RapidMiner, DataRobot, Pandas, NumPy, Matplotlib

Databases: PostgreSQL, MongoDB, MySQL

Development Frameworks & Tools: Ruby on Rails, Next.js, ReactJS, NodeJS, Django, Web3, Azure, Docker, Selenium

Version Control: Git, GitHub

Operating Systems: Linux, macOS

Soft Skills: Teamwork, Analytical Thinking, Problem-Solving, Adaptability, Active Listening

Languages

English (Fluent)

Malayalam (Native)

Hindi (Proficient)

Additional Interests

- Playing Keyboard & Music Production - Cycling & Gaming - Driving & Hiking