Pavithra Subramaniyam

Pavithra.subramaniyam@outlook.com | Tampere | 0469555860 | https://spavythra.github.io/myportfolio/ |
https://www.linkedin.com/in/spavi/

Summary

Full stack developer with Master's degree in Cloud and 2 years of hands-on experience working with React, Angular, Typescript, Node.js, AWS cloud, CI/CD pipelines and Junit/Jest test frameworks. Beginner on Data Engineering with SQL and python.

Work Experience

Freelancer | Front-end | Full-stack Developer   **May 2023 – till now**

- User requirements and workspace given, delivering Full-stack technical expertise for 8 months
- E-commerce, club websites and university web designs

Newelo Oy | AWS Cloud Developer | Finland   **Sep 2023 – Oct 2024**

- AWS environment creation and deployments for web applications, ideapark website
- Cloud infrastructure improvements for seamless development to deployments

Neuro Event Labs Oy | Junior Software Developer | Temp Lay-off | Finland   **Sep 2022 – April 2023**

- Web application architectural and code improvements in front-end and back-end
- Working with pipelines and AWS architectures for process improvements

Amazon India | Selling Partner Support | India   **June 2015 – April 2021**

- Solving vendor queries in various divisions across multiple countries
- been serving as a knowledge database and mentoring my team

Software skills

Cloud	-	AWS (Lambda, VPC, API Gateway, S3, Cognito, EC2)
Frontend	-	React.js, Next.js, HTML, CSS, JavaScript
Backend	-	Node.js, Python
DevOps	-	GitLab CI/CD, Docker, Terraform, Serverless Framework
Databases	-	DynamoDB, PostgreSQL, MongoDB, MySQL
Testing	-	Jest, JUnit frameworks
Familiar	-	Angular, Typescript, REST APIs, C++, PHP, Git, Jira
Data	-	Python, SQL

Projects

- Master's thesis | Secure Serverless Cloud Infrastructure for Small-Scale Start-ups | Newelo Oy
- Git user heat map || Battery monitoring system | Front-end projects | code interview
- Language Learning App | To-do App | React | Node.js | Full stack projects
- Digit Recognition App | Backend projects | Python Flask | React | Docker

Education

Master's degree – Cloud based Software Engineering	Vaasan ammattikorkeakoulu (VAMK)	2025
Diploma – Full stack development	Tampereen ammattikorkeakoulu (TAMK)	2022
Bachelor's degree – Electrical and Electronics Engineering	Anna University	2015
Data Engineering Foundations with IBM	Coursera	2025
Terraform Associate and AWS Certified Solutions Architect Associate	HashiCorp	2023

Cover Letter – Pavithra Subramaniyam

Dear Recruiter,

With high motivation I'm applying for open software developer positions, internships, work try-out (Työkokeilu) or any possible opportunity in your firm.

I'm Pavithra Subramaniyam from Tampere. With a Master's degree in Cloud-based Software Engineering and 2 years of hands-on experience working with React.js, Typescript, Node.js, python, AWS cloud, CI/CD pipelines and Junit/Jest test frameworks. I'm also a freelancer doing e-commerce projects with an aspiration to become Senior Full-stack developer/ Software Architect.

I would like to showcase my fitness for any developer role. I have worked extensively with Angular, Typescript for developing and debugging complex web applications and its user interface at **Neuro Event Labs Oy**. Implementing DevOps and AWS serverless cloud infrastructure were my expertise when working with **Newelo Oy**. I have completed my Master's thesis on cost-effective serverless cloud infrastructure for small-scale startups. It includes security best practices, identity management, encryption, and compliance requirements. Front-end technologies like HTML, CSS, React, Angular, Typescript + back-end technologies like Node.js, python, AWS EC2 + DynamoDB, PostgreSQL and MySQL databases were my primary skillset to make responsive, scalable and aesthetic web applications in my work experiences and course projects. I have a good experience in IaC tools like Terraform and Serverless Framework. I have used Junit and Jest for testing my code during my thesis recently. My current focus on data engineering project involved data collection through APIs and web scraping, data cleaning, exploratory analysis, and creating visualizations to present insights using Panda, NumPy. Thus with a fresh mind, I can take on the projects immediately and implement/maintain some highly reliable and clean code along with infrastructure and data. My diverse expertise with GitLab CI/CD, AWS tools, Terraform, serverless framework, C++, python, version control, Docker, RESTful API design will surely boost the software development in your firm.

I have been chasing for a good **role**. Please do let me know any possible opening on web development, cloud, DevOps and even on embedded domains or C++/ Java, as I'm familiar with them, though no Industrial experience. **Location** or **Pay** is secondary as I'm primarily looking for a **wider responsible role for a longer duration**. Ready to join immediately. Kindly check my profile.