



Pavithra Subramaniyam

Junior Software Developer - Neuro Event Labs Oy | Newelo Oy

With great motivation, I'm applying for the Software Intern position listed in your organization. I'm from India, did my bachelor's in electrical major. I have worked as a selling partner support in Amazon, India, for about 6 years. I was working with supply chain management support for Europe and North American divisions.

I have completed a Diploma course in Full stack development offered by Tampereen Ammattikorkeakoulu (TAMK) - Front-end, Back-end and Mobile development modules. Strong knowledge of Docker and Kubernetes, AWS (Lambda, EC2, S3, Cloud Architecting). To quench my knowledge thirst, I have enrolled Cloud-based software engineering - Master's degree in Vaasan Ammattikorkeakoulu now. My course works are in GitHub repositories (link in portfolio/footer).

My projects >

- **Private VPC** Configured a production environment and development environment in AWS for a Web Application.
- **Language learning App** with full-stack implementation. Language app has a React front-end, Node JS back-end, deployment to the Render cloud. Application has two different views. One for admin, where teacher/admin can add/update/delete into the API endpoint which updates SQL database. Another view is the user view, in which the user can practice the words and they will get the results.
- **Digit Recognition App** using React JS and Python Flask. App gets the data as an image and predicts the digit from the data-model, Uses Azure cognitive translation and speech services to API endpoint and display and pronounce the identified/translated digit. App comprises microservices architecture, containerized with docker, and deployed using Kubernetes (minikube).
- **Git-user heatmap App** using React JS (*code Interview*). App gets the username as input and shows their activity heatmap, commit counts (on hover) and commit information (on click) from a specific date by accessing public (default) and private (needs authorization) repositories with the help of Git REST API.
- **Battery monitoring App** using the data fetched from remote API (*code Interview*). Implemented multiple filters, sorting, and graphical views for better user experience.
- **To-do application** for React coursework, where users can log their tasks which can be viewed using various filters and different views/styles and deployed in Render cloud.
- React Native and iOS based **Mobile Weather App** as a part of mobile development. User can choose one of these and display either one of the cities weather or the GPS, add cities to the list and remove cities from the list. It accesses the weather data from the remote API of openweathermap.org.
- Developed Python-based **Dice game** development for multiple users and **Student Database** using C++.
- Experienced in data extraction using SQL (Maria-DB) and JUnit testing with Java.

I was working as a Junior Software Developer in Neuro Event Labs Oy before getting laid off. Now I'm working with Newelo Oy & CoreSeer as a RekryKoulutus temporarily. I have been working with front-end backend for web applications in Neuro Event Labs and with AWS environments creation and deployments ensuring private cloud for a Newelo Oy. Also practicing freelancing in my free time.

pavithra.subramaniyam@outlook.com

Tampere 33580

+358 50 3072239

<https://spavythra.github.io/myportfolio/>

<https://github.com/spavythra>

www.linkedin.com/in/spavi

Short summary

- **Master's degree student - Cloud-based software engineering student currently seeking thesis.**
- Only fluent in English, studying Finnish course (till A2)
- Loves Mathematics, Analytics and mentoring the team.
- Multitasking prioritization, Loves process improvement and initiatives.
- Feedback from the employer - 4/5 from yearly performance results
- **Proficient** in JavaScript, React JS, Node JS, Angular, Typescript, HTML5 & CSS, Git bash, MySQL, Bootstrap, AWS, Python
- Familiar with C++, Java, JUnit Testing, Swift, SwiftUI, React Native, Heroku cloud, JUnit testing, Flask, Docker, Kubernetes, Terraform, PHP
- Self-driven, Problem-solving and a constructive can-do attitude
- Good documentation skills: can be seen from my portfolio.

My skills which can match a generic job description for open application:

- ✓ Demonstrable experience of work on modern web applications with responsive user interfaces for a wide range of devices and browsers
- ✓ Solid experience and skills in JavaScript (React JS, Node JS), HTML5 and CSS
- ✓ Experience with TypeScript and Angular
- ✓ Experience with AWS (EC2, RDS, S3) cloud architecting, Environment creation and deployment
- ✓ Experience with Full-stack (React based front-end, Node JS based back-end, Heroku cloud)
- ✓ Familiarity with Git/Gitlab - version control systems, Linux - command lines and operating system
- ✓ Experience with databases - SQL (MariaDB, MySQL, MSSQL) interactions with API endpoint.
- ✓ Experienced with agile ways of working, CI/CD pipeline.
- ✓ Familiar with Docker containerization, Kubernetes deployments

I tried to deliver whatever I was given in the course or in my job role. But I am seeking challenging work experience to write my **master's thesis**, more than a well-paid job where I can mold myself as a better developer in all aspects. My working experience with Neuro Event Labs and Newelo gave me the ability to handle pressure, also to imbibe an accelerated learning phase.

Location or pay is secondary as I'm primarily looking for the internship. Though I don't have years of work experience in DevOps, I have the strong fundamentals and passion to pursue my career towards DevOps. Some of my thesis topics that I have in my focus are **AI-Ops and Multi-cloud deployments** towards an optimized cloud service. Kindly check my profile.