Pankajan Satkunam

Senior Software Engineer

CONTACT DETAILS

- ✉ Pankajan05@gmail.com
- ☎ +94 77 295 8306
- ⌖ Earlalai East, Earlalai, Jaffna, Sri Lanka.
- in linkedin.com/in/pankajan05/
- ⌂ Github.com/pankajan05/

TECHNICAL SKILLS

● WEB DEVELOPMENT

FRONTEND
HTML, CSS, JavaScript, PHP
AngularJS, Angular, Ionic, React, NextJS
Bootstrap, Tailwind, Material UI

BACKEND
NodeJS, TypeScript, ExpressJS, Django,
Laravel, CodeIgniter, Kafka, RabbitMQ

DATABASE
MongoDB, CouchDB, Mysql , PostgreSQL

● CLOUD ENGINEERING

AWS
Codecommit, CodePipeline, CodeBuild
ElasticBeanstalk, EC2, Lambda,
ECS, ECR, Cloud9, AWS Batch, Kinesis
IoT Core, SES, SNS, Cloudwatch, IAM,
S3, RDS, DyanamoDB

● DEV OPS

Git, GitHub, CodeCommit, BitBucket

GitHub Action, CodePipeline, YAML

Docker, Kubernetes

● TESTING

Postman, ThunderClient, Locust,
Jest, Jasmine, Cypress

● ML / AI

Python, Numpy, Pandas, Django
Keras , Tensorflow, NLTK, OpenCV

ABOUT ME

I am a highly skilled and experienced Senior Software Engineer with a passion for creating innovative solutions and delivering high-quality software products. With 4 years of industry experience, I have developed a strong expertise in various programming languages, software development methodologies, and technologies. In addition to my technical prowess, I have demonstrated strong leadership qualities, successfully leading and mentoring teams to deliver exceptional results. I possess a strategic mindset and a keen ability to identify areas for process improvement, optimizing workflows and enhancing team productivity. As a Senior Software Engineer, I am committed to driving excellence, fostering collaboration, and exceeding expectations in order to contribute to the success of the organization.

EDUCATION

201 8.02 - 2022.06
University of Kelaniya
B. Sc (hon) in Software Engineering

2021.08 - 2021.12
Founder Institute
Entrepreneurship studies

2016.08 - 2017.02
DMI Institute
Diploma in Information Technologies (DITEC)

2007.01 - 2016.08
Jaffna Hindu College
I completed Advanced Level in Mathematics stream.
Chemistry - A, Maths - B, Physics - B   Z-Score - 178.

EXPERIENCE

Consultant Technology   (2022.08 - Now)
Virtusa (PVT) ltd
As a Consultant Technology at Virtusa, I had the opportunity to work on an IoT project that involved technology stack including AngularJS, Angular, Ionic, Node.js, Express.js, CouchDB, DynamoDB, and various AWS services. I collaborated closely with the client and lead dev team to understand client requirements, provide technical guidance, and ensure successful delivery. I actively participated in code reviews, performance optimizations, and troubleshooting to maintain the code quality.

Software Engineer   (2020.08 - 2022.08)
Elzian Agro (PVT) ltd
As a Fullstack Software Engineer, I had the privilege of working on an exciting IoT project that aimed to revolutionize the agriculture industry. This experience allowed me to gain valuable expertise in IoT, React, MySQL, Node.js, Kafka, Docker, AWS, Django, ML, Data analysis, and Blockchain, enabling me to contribute effectively to the success of the project.

Web Master   (2020.03 - 2021.08)
Adventure Club - UOK
As a Webmaster at Adventure Club, I leveraged HTML, CSS, Javascript, JQuery and Bootstrap to build the website ensuring responsive and user friendly visually appealing designs. Throughout my tenure, I collaborated with cross-functional teams to to meet objectives and deliver high-quality website.

Software Engineering Intern   (2019.07 - 2020.01)
Quadrate Tech Solution.
During my software engineer internship, I gained hands-on experience developing web applications using Angular, MongoDB, Node.js, Express.js, and also deploying on AWS.,

PROFESSIONAL CERTIFICATION

- Certified Scrum Master (CSM)
- AWS Certified Solution Architect - Associate
- AWS Certified Cloud Practitioner

PROJECTS

2022.08 - Now — **Employee Safety IoT System**
Consultant Technology - AngularJS, Ionic, NodeJS, CouchDB, AWS
As a Senior Fullstack Engineer I played a key role in the development of the project.
This project utilized cutting-edge technologies such as AngularJS, NodeJS, Ionic, CouchDB, and AWS to create a comprehensive platform for monitoring worker safety and productivity.

2021.10 - 2022.08 — **ELZIAN AGRO Farmland Monitoring System**
Software Engineer - React, NodeJS, ExpressJS, MongoDB, MySQL
As a fullstack Engineer, I am proud to have contributed to the development of the Elzian Agro monitoring system project, which was built using ReactJS, NodeJS, MySQL, and AWS. This project aimed to provide farmers with a reliable and efficient monitoring system.

2021.09 - 2022. 08 — **Earth Restoration Blockchain System**
Consultant- Solidity, Ethereum, Hardhat, NodeJS, Flutter, React
Lead the Team, Monitor the project progress and Provide technical consultation for clients.

2020.08 - 2021.08 — **ELZIAN WEBSITE**
Web Developer - HTML, CSS, JS, PHP
As a web developer, I contributed to the development of the Elzian Agro website. This involved building and maintaining the website's front-end and back-end using various technologies, including HTML, CSS, JavaScript, and PHP.

2020.08 - 2021.01 — **ZaiZah**
Angular, NodeJS, MongoDB
Ecommerce Application for Cosmetic products and worked in JWT authentication.

2019.10 - 2020.02 — **PLANT SELLING APP**
MongoDB, Express, Angular, NodeJS
The Aplication was managed in GitHub (VCS) and deployed in EC2 instance in AWS using GitHub CI/CD pipeline. Postman is used for the API Testing. Additionally, I collaborated with the DevOps team.

ACHIEVEMENTS

2022 — **SLASSCOM National Ingenuity AWARDS**
Best Innovative Product

2020 — **Ericsson Innovation**
RunnerUp

2021 — **Challenge 4 Climate Hackathon (Convergence Tech)**
Semi Finalist

2020 — **Generation Unlimited Youth Unlimited Hackathon (UNDP)**
Final List

2020 — **Biz-mind**
Most Innovation Award

2018 — **ACES Coding Hackathon**

REFERENCES

Mr. Lilan Dayananda
B.B.Mgt (sp) in Accountancy
Chief Executive Officer
Elzian Agro PVT LTD

lilan@elzian.com
+94 76 893 7675

Dr. Nalin Warnajith
BSc (SL), PgDip (IT)(SL), PhD (Japan)
Head of the Software Engineering Teaching Unit
Software Engineering Teaching Unit
University of Kelaniya.

nwarnajith@kln.ac.lk
+94 71 757 0140