

Kavindu Praneeth

Associate Software Engineer

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🌐 KavinduPraneeth | 🔄 Praneeth724 | 🌐 Portfolio

PROFILE SUMMARY

Associate Software Engineer with 1.5+ years of full-stack development experience (MERN, Laravel, AWS, Next.js, Nest.js) building scalable web applications, REST APIs, and admin dashboards for real-world business systems. Actively expanding into AI/ML integration applying machine learning and LLM-based tooling to improve product workflows and automation. Strong foundation in SDLC, Agile delivery, and database design, with a focus on building efficient, user-focused, and increasingly intelligent software systems

WORK EXPERIENCE

NB Code Zone

2025 Aug – Present

Associate Software Engineer

Sri Lanka

- Built **Admin & Super Admin dashboards** for an e-commerce platform, including product, order, and user management modules with **role-based access control** to strengthen system security
- Optimized backend queries to improve dashboard performance, collaborating with a developer team in an **Agile** environment to deliver features on schedule

Idea8

2025 Feb – 2025 Aug

Software Engineer Intern

Sri Lanka

- Contributed to a cultural platform offering 3D, AR/VR, and video experiences, developing full-stack features for browsing and purchasing experience packages and integrating REST APIs using **Nest.js** to improve data retrieval efficiency
- Deployed and maintained the platform using **AWS and Docker** for scalable, reliable performance, while improving UI responsiveness to enhance user engagement

Heladev XR Labs

2024 Aug – 2025 Jan

Game Developer Intern

Sri Lanka

- Developed a **3D space exploration game** using Unity, including gameplay features like power-ups and obstacles, along with an astronaut movement system and oxygen management mechanics
- Optimized gameplay scripts to improve performance and reduce lag, collaborating with designers and developers to deliver a polished, interactive gaming experience

PROJECTS

Helarisi E-Commerce Management Platform | NB Code Zone

2025 Aug – Oct

- Tech:* MySQL, Laravel, Blade, PHP
- Developed Admin and Super Admin dashboards to manage the entire e-commerce system
- Implemented features for product management, order processing, and inventory control
- Optimized backend queries and improved system performance; ensured secure authentication and role-based access control

Immersive Sri Lankan Heritage Experience Platform | Idea8

2025 Feb – Aug

- Tech:* MySQL, Nest.js (Node.js), Next.js, AWS, Docker
- Built full-stack features for browsing and purchasing immersive experience packages
- Integrated APIs to handle tour booking and content delivery
- Contributed to cloud deployment using AWS and containerization with Docker; optimized frontend performance and backend responses
- Supported testing and maintenance of AR/VR-related content features

- *Tech:* ShaderLab, C#, Unity Engine
- Developed astronaut player movement mechanics with smooth controls
- Implemented an oxygen bar system to simulate survival gameplay
- Contributed to backend game logic, performance optimization, and gameplay design

EDUCATION

Sabaragamuwa University of Sri Lanka <i>BSc (Hons) in Computing and Information Systems — Current GPA 3.6</i>	2022 Aug – 2026 Aug Sri Lanka
Central College Kuliapitiya <i>G.C.E. Advanced Level — Physical Science Stream</i>	2017 Aug – 2020 Aug Sri Lanka

TECH SKILLS

Languages: Java, Python, Dart, Ballerina, C#, JavaScript
Frameworks: React.js, Node.js, Express.js, Laravel, Angular, Spring Boot, Nest.js, Next.js, Prisma
Databases: MySQL, MongoDB, PostgreSQL
Cloud: AWS (EC2, ECR, Amplify), Azure
AI & ML: Pandas, NumPy, OpenCV, N8N
Mobile: Flutter, React Native
Tools: Vuforia SDK, Git, GitHub, Docker, Postman, Firebase, Figma, Unity, Trello, Agile

ACHIEVEMENTS

- **Second Runner-Up** — ReviewNation Competition, Sri Lanka Institute of Information Technology (2025)
- **Best Social Impact Award** — WIE Competition, IEEE Women in Engineering (2025)
- **Second Runner-Up** — INSL Sabaragamuwa Province Competition, Sabaragamuwa University of Sri Lanka (2024)
- **Finalist** — CodeBlast Competition, SLT Mobitel (2023)

REFERENCES

Professor (Dr.) S. Vasanthapriyan Dean, Dept. of Computing & Information Systems Faculty of Computing, Sabaragamuwa University of Sri Lanka Tel: +94 71 78 51 500 priyan@foc.sab.ac.lk	Mr. Isuru Abeywardana Software Engineer Bank of Singapore, Asia's Global Private Bank Tel: +65 84 92 1223 2020isuru@gmail.com
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