KUMARAN BALACHANDRAN

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SUMMARY

Ambitious Software Engineer with a proven ability to deliver effective software solutions. Skilled in collaborative team environments and committed to continuous learning. Seeking a challenging role to leverage technical expertise and contribute to innovative software development.

WORK EXPERIENCE

Associate Software Engineer - Softnits   **Oct 2023 - May 2024**

- Contributed to API development for a Book Store and participated in the development of a Food Delivery App using React JS, Node JS, Express JS, MongoDB.
- Led client meetings to ensure smooth communication, meet project milestones, and facilitate team decisions.
- Engineered UI for GrowinUP, a dyslexia support app, using React JS.

Intern Software Engineer - Apptimus Tech (Pvt) Ltd.   **Aug 2022 - Mar 2023**

- Engineered a full-stack application using Laravel PHP Framework and ReactJS, integrating JavaScript, MySQL, SqlYog, and Gitlab CI/CD.
- Collaborated in API development using Express and crafted ReactJS landing pages for the Moura eLearning platform. Contributed in Scrum meetings and brainstorming sessions, contributing to project planning and innovation.
- Contributed to bug resolution in ERP systems like Apptimate ERP and Northern Hospital Management, showcasing strong problem-solving abilities.
- Acknowledged for rapid learning and efficient performance by CEO and team, demonstrating adaptability and high productivity in the workplace.

EDUCATION

Bachelor of Information and Communication Technology (BICT Honors)   **Feb 2019 - Oct 2023**
University of Kelaniya

- Specialization in Software Engineering.
- Thesis on "Identifying High-Value Customers through Cluster-based Analysis in a Real-world Marketing System".
- GPA 3.46 (Second Class Upper Devison)
- VOLUNTEER : Information Technology Students' Association, University of Kelaniya, Tamil Students Association, University of Kelaniya

COURSES & TRAININGS

Full-stack Web Developer - Devtown   **Aug 2021 - Dec 2021**

- Mastered MERN stack web development during initial training, focusing on React JS, Express JS, MongoDB, and Node.js. Applied microservices like Axios and enhanced security with Helmet.
- Developed multiple projects to refine workflow management skills, laying the foundation for a dynamic career in web development.

PROJECTS

Identifying High-Value Customers through Cluster-based Analysis in a Real-world Marketing System - Academic Research
(Project Link & GitHub Repo)
- This study holds important implications for businesses that operate in a customer-focused environment.
- Thus, it can helps marketers create personalized marketing strategies and increase customer satisfaction and productivity.
- Technologies - Unsupervised & Supervised Machine Learning Algorithms, Google Colab, Streamlit

Inventory Control System
(Github Repo)
- This is a simple inventory control system to track inventory items, and this is a desktop-based application using python language.
- Technologies - Python, PyQt5

ADDITIONAL INFORMATION

- **Technical Skills:** React JS, Node JS, Express JS, MongoDB, MySQL, JAVA, Python, Javascript, HTML, CSS, MUI, Tailwind CSS, PHP, Laravel, AWS S3, EC2, Docker, Bootstrap, Project Management, Scrum & Agile Methodologies, Developing APIs, JavaScript Frameworks, Back End Programming, Front End Programming, Web Design, Programming Languages, Full stack Development.
- **Soft Skills:** Leadership, Self-Motivation, Self-Discipline, Adaptive Person, Time Management, Motivator, Teamwork, Risk-Taker, Attention To Detail, Verbal Communication, Problem Solving Skills, Responsiveness.
- **Languages:** English, Sinhala, Tamil
- **Certifications:** Cloud Foundation, Build a Face Recognition Application using Python, User Experience Design from A-Z : Adobe XD UI/UX Design
- **Awards/Activities:** Participated in the IIT Madras-incubated startup's Guinness Record-setting 'AI for India' event. GUVI and AICTE, incubated at IIT Madras, achieved a Guinness Record with 1.12 lakh people participating in the online event.
- **Volunteer:** As an Associate Software Engineer (Volunteer) at Naari Samata, a non-profit organization, I managed the organization's website using the no-code platform WordPress and worked on improving its SEO to increase visibility and user engagement. I also contributed to the mobile app development team, where my primary responsibility was conducting requirement analysis to ensure the app aligned with the organization's needs. All of this work was part of my volunteer efforts. (Sep 2024 – Present)