

SKANDA ARYAL

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SENIOR SOFTWARE ENGINEER

COMPLEX FEATURE DEVELOPMENT | ADVANCED REACT AND TYPESCRIPT KNOWLEDGE

Results-driven Senior Software Engineer with track record in delivering impactful solutions in full-stack development, with emphasis on React web frontend expertise. Instrumental in executing and finalizing E-Commerce projects, analyzing and optimizing database architectures, and efficiently leveraging AWS cloud computing for system scalability. Known for crafting exceptional user experiences via iterative design and maintaining cutting-edge software functionality.

- ✓ Proven proficiency in ReactJS and skill set encompassing React, Node.js, MongoDB, and PostgreSQL.
- ✓ Well-versed in conducting Node.js troubleshooting, driving transformative enhancements to system performance.
- ✓ Adept at building complex features and driving major product initiatives within continuous deployment pipeline.
- ✓ Expert at guiding team best practices and consistently holding work to high standards.
- ✓ Notable accomplishments include developing effective software solutions for Popl product and seamlessly enacting and finalizing software engineering tasks.

CORE COMPETENCIES

- Project Planning & Execution
- Full Stack Development
- Efficient and Scalable Solutions
- AWS Cloud Computing Technologies
- Database Architecture Optimization
- User Experience (UX) Design
- End-to-End Testing Proficiency
- Product Initiative Implementation
- React Web Frontend Development
- Plugin Maintenance
- Iterative Design Processes
- Streamlined Customer Support

PROFESSIONAL EXPERIENCE

FREELANCE SOFTWARE ENGINEER ► Upwork

Remote | 2019 – Present

Engage in full stack development projects, showcasing expertise in React web frontend development. Execute JavaScript full-stack development tasks, employing range of technologies to create efficient and scalable solutions.

Key Accomplishments:

- ✓ Showcased specialization in full-stack development using technologies, such as React, Node.js, MongoDB, and PostgreSQL, delivering comprehensive solutions for diverse client needs.
- ✓ Demonstrated proficiency in ReactJS web development, confirming high-quality and responsive user interfaces.
- ✓ Provided end-to-end solutions for E-Commerce projects, contributing to development of feature-rich platforms.
- ✓ Offered troubleshooting expertise in Node.js development, resolving issues and boosting system performance.
- ✓ Served as Senior Full-stack Developer, utilizing TypeScript, React, and Node to lead and contribute to complex development projects.

SENIOR SOFTWARE ENGINEER ► Atini Studio

Remote | 2021 – 2023

Assumed role of project lead on diverse global projects; collaborated with clients to comprehend needs and spearheaded end-to-end development of bespoke applications, realizing vision from inception to completion.

Key Accomplishments:

- ✓ Revitalized database architecture to enhance efficiency and maintainability, eliminating performance bottlenecks.
- ✓ Revamped user experience through iterative design processes, resulting in intuitive and engaging interface that exceeded user expectations.
- ✓ Leveraged expertise in AWS cloud computing technologies, including EC2, RDS, S3, ECS, SES, Amplify, Route53, CI/CD Pipeline, CodeCommit, and more aimed at raising system performance and scalability.

SENIOR LEAD FULL STACK DEVELOPER ► RVS

Remote | 2021 – 2022

Utilized high-level tech stack, including Next.js, Node.js, MongoDB, and AWS S3 to execute bespoke development strategy. Liaised and worked closely with cross-functional teams to define technical requirements.

Key Accomplishments:

- ✓ Directed dynamic team as Senior Lead Full Stack Developer; oversaw transformative e-commerce project aimed at unifying malls and stores on singular platform, improving customer accessibility, and providing centralized hub for diverse shopping needs.
- ✓ Contributed to project's success by orchestrating unified and efficient solutions and revolutionizing traditional e-commerce model.

SENIOR FULL STACK ENGINEER ► Clearimpex

Remote | 2020 – 2021

Leveraged key expertise and industry knowledge while revamping and restructuring projects, resulting in streamlined outdated code bases. Designed, developed, and maintained scalable, reliable, and efficient code.

Key Accomplishment:

- Led team by offering guidance on effective optimization strategies, fostering collaborative environment that significantly improved project efficiency and performance.

FULL STACK MOBILE APPLICATION DEVELOPER ► Fruitbook

Remote | 2020 – 2021

Pioneered development of mobile application with charitable focus, serving vital role during Covid-19 lockdown. Created applications that worked seamlessly across different mobile platforms and devices.

Key Accomplishment:

- Designed app to enable users to locate individuals in need and transport essential goods as per official documentation during lockdown restrictions.

FULL STACK DEVELOPER ► Productmafia

Remote | 2020 – 2021

Showcased expertise in Chrome Extension and MERNG stack development. Engineered dynamic solution that involved scraping ads from Facebook using Chrome extension, seamlessly storing in robust database.

Key Accomplishment:

- Implemented React App to showcase collections of ads, distinguishing features accessible to premium members, thereby creating tailored and enhanced user experience based on subscription levels.

FULL STACK ENGINEER ► Malik Enterprise

Remote | 2020 – 2021

Directed development of bespoke mobile app with distinctive matchmaking concept. Maintained scalable and efficient code for both front-end and back-end components of applications.

Key Accomplishments:

- Created unique algorithm that matched users as per music preferences, YouTube video choices, and e-book selections within application.
- Leveraged tech stack comprising MongoDB, React Native, AWS, AWS Lambda, and Firebase to seamlessly integrate and execute groundbreaking matchmaking approach.

SENIOR SOFTWARE ENGINEER ► VoicePing

Remote | 2018 – 2021

Streamlined payment processes by updating payment flow, along with elevating overall user engagement by implementing real-time notification features.

Key Accomplishments:

- Developed captivating landing pages showcasing app features, attracting and onboarding potential users.
- Ensured optimal performance and functionality via maintenance and upgrades, enhancing user experience.
- Collaborated with PeerJS to raise communication quality, leading to improved reliability in data exchange.

SOFTWARE ENGINEER ► LogPoint

Denmark | 2017 – 2018

Played role in development and maintenance of plugins for LogPoint OS, contributing to platform's robust functionality.

Key Accomplishments:

- Served as Intern and exhibited exceptional performance, progressing to role of Software Engineer.
- Led migration of LogPoint's interface from ExtJS to ReactJS, enhancing platform's efficiency and user experience.
- Delivered exceptional customer support, aiding clients in seamless setup of LogPoint and troubleshooting issues, ensuring smooth and reliable user experience.

ADDITIONAL EXPERIENCE

Senior Full Stack Engineer (Remote), Relaunchers Inc., USA | Front End Developer (Onsite), Nirogi, Nepal | Software Architect and Full Stack Developer, Tech Himalaya, Nepal

EDUCATION & PROFESSIONAL DEVELOPMENT

Bachelor in Computer Engineering, Kathmandu University, Dhulikhel

AWS Certifications (In Progress) | AWS Certified Cloud Practitioner (2023), verify.acloud.guru

AWARD & RECOGNITION

Winner of first CanSat competition in AAVISHKAR 19 of Nepal
Certificate of Achievement for completing Nirogi Nepal Project "Hami Nirogi"

LANGUAGES

English | Nepali | Hindi

TECHNICAL PROFICIENCIES

C | C++ | JavaScript | TypeScript | MERN Stack | MEAN Stack | React Native | Next.js | Gatsby | MySQL | PostgreSQL
GraphQL | Puppeteer | CSS | Bootstrap | Tailwind | MUI | Git | Docker | AWS | Firebase | Stripe | Node.js
REST Architecture | JSON | Web-Sockets/Socket.IO | HTTPS | Core Data | MongoDB | Redux | Context API | Hooks