RITISH KARKI

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PROFESSIONAL OVERVIEW

Software developer with more than 7 years of experience in building scalable, blazing fast single page web applications. Demonstrated history of working on complex projects written in JavaScript for global clients. Team player with strong analytical and communication skills. Solid technical background in Computer Science.

WORK EXPERIENCE

SeniorSoftware Engineer (Assistant Vice President) - full time, 06/2021 to Present
U.S Bank- Irving, Texas
- Lead and supervise development efforts for all the features across 2 teams.
- Improve and automate insight generation process for new features.
- Develop accessible well tested react features.
- Perform deployment, production support and validation for feature releases.
- Actively monitor issues and vulnerability in code base using scan tools like fortify, blackduck, Sonarqube during testing and roll out phases.
- Collaborate with developers outside of the team for cross functional features.
- Participate in technical interviews for open JavaScript positions.
- Participate in daily standups and triage calls for solutioning and defects.
- Mentor and support junior developers and new joinees.
- Actively improve test coverages, accessibility and refactor existing codebases.
- Estimate development efforts and assign tasks to team members for a given sprint.

Full Stack Developer - part time, 07/2020 to 04/2021
IMPCT Corporation- San Francisco, California (Remote)
- Led development of user facing features using Shopify SDK, Next.js, React and Polaris.
- Managed AWS Light sail servers for Node.js projects.
- Planned and implemented no-sql database schemas and models for DynamoDB.
- Debugged and resolved defects in AWS Lambdas and Node.js projects.
- Searched and implemented GraphQL queries/mutations of Shopify Admin Api in Web Applications.
- Implemented new REST API endpoints using AWS api gateway and AWS lambda functions.
- Developed Node.js lambda functions to consume and process real time data carried by AWS EventBridge
- Integrated Shopify API and its cart functionalities for the web app built with Next.js.
- Planned git branching strategy, project structures, design patterns and technology stack for the projects involved

Teaching Assistant for Database Systems, 02/2020 to 07/2020
University of New Haven - West Haven, CT
- Taught undergrad/grad students various relational database concepts.
- Assisted Professors with grading and giving feedback on the assignments.

Software Developer - full time, 04/2018 to 07/2019
Young Innovations Pvt.Ltd - Kumaripati, Lalitpur, Nepal
- Worked with JavaScript frameworks and libraries like React, Vue and Node.
- Optimized page rendering time for large web applications written in React using profiling tools. Made sleek animations for web applications using GSAP.
- Tested various REST API endpoints using postman and browser dev tools.
- Trained and supervised new interns, trainees and gave frequent knowledge sharing sessions on JavaScript (ES6), React and WebSockets.
- Participated in technical interview sessions for new JavaScript developer positions.
- Delivered new features and requirements within the given time limit of sprint.

Software Engineer - full time, 06/2016 to 03/2018
Wolfmatrix Pvt.Ltd - Lalitpur, Nepal
- Worked with different web development frameworks based on PHP and JavaScript.
- Lead the front-end work in many of the company's ongoing projects.
- Worked on projects based on Angular 2/4 (in house / client based).
- Supervised new interns and introduced modern front-end development workflows in the company.

CERTIFICATIONS

Azure Fundamentals (AZ-900) : [Certification Link](#)

TECHNICAL

- **Languages:** JavaScript, Python, Swift, TypeScript
- **FrameWorks:** Angular 2/4, Node, Express, GSAP, Next.js
- **Libraries:** React, Redux, Redux Saga, Axios, Angular Material, Jquery, D3, Leaflet, SwiftUI,GraphQL, Pandas, Numpy
- **Database:** MongoDB, MySql, Firebase, DynamoDB
- **Markup/Styling language:** HTML5, CSS3, SCSS, LESS, SASS
- **Deployment tools:** Vercel, Heroku, Jenkins
- **Accessibility Tools:** JAWS, NVDA, AXE dev tools

- **Content Management Systems:** Wordpress, October CMS, Contentful
- **Version Control:** Github, Bitbucket, Gitlab
- **Softwares and IDE:** Balsamiq Mockups, Zeplin, Figma, Slack, Invision, WebStorm, Xcode, VS code, Sketch
- **Project Management Tools:** Teamwork Projects, Asana, ClickUp, Trello, Monday, Jira
- **E-commerce:** Shopify
- **AWS Services:** Event Bridge, Lightsail, Lambda Functions, DynamoDB, Api Gateway ,S3 and AWS Amplify
- **Unit Testing :** Jest, React Testing Library

EDUCATION

Master of science: Computer Science, Graduation: May 2021
    University of New Haven - West Haven, CT
- Coursework in **Advanced database, Data Structures, Advance Python, IOS Development** and **Machine Learning**
- CGPA : **3.91 / 4**
- Member of International Honor Society for Computing and Information Discipline : Upsilon Pi Epsilon

Bachelor of Science: Computer Science, Graduation: September 2016
    Kathmandu University - Dhulikhel, Kavre, Nepal
- Recipient of Dean's Merit List Scholarship