JAI DEV

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Summary

I am an experienced **web developer** and **DevOps** professional with a passion for web development and cloud computing. I have a strong foundation in both front-end and back-end technologies. With certifications in **AWS Solutions Architect Associate, Azure Developer Associate, and AWS Cloud Practitioner**, I combine hands-on expertise in cloud platforms (AWS/Azure) with full-stack development skills. I am well versed in **cloud computing** platforms and use cloud services to create scalable and robust solutions. I am dedicated to lifelong learning and remaining current on industry trends, offering a dynamic and adaptive approach to every project I work on.

Experience

Sr Cloud Consultant

Mappingskills PVT LTD – NOIDA IN   September 2024 - present

- Designed and built scalable cloud solutions using **AWS services (EC2, S3, Lambda, RDS, and IAM)**, **Azure services (Azure VMs, Azure SQL Database, and Azure Kubernetes Service)** and **GCP (Cloud Function, Cloud Storage)**, with a focus on cost-effectiveness, security, and performance.
- Provided expert guidance on **cloud architecture**, **security best practices**, and **cost optimization** for enterprise clients.
- Automated infrastructure deployment using **AWS CLI**, **CloudFormation**, and **Terraform**, ensuring consistent and repeatable processes.
- Implemented **serverless computing** solutions using **AWS Lambda** and **Azure Functions**, reducing operational overhead.
- Managed containerized applications using **AWS ECS**, **EKS**, **Docker,** and **Azure Kubernetes Service (AKS)**.
- Established monitoring and logging solutions using **Azure Monitor**, **Log Analytics**, and **AWS CloudWatch, Grafana** to enhance system reliability and performance.
- Designed and implemented **CI/CD pipelines** using **GitHub Actions** and **AWS CodePipeline** to streamline development and deployment processes.

Frontend Associate (freelancer)

Antwalk – BENGALURU IN   June 2024 - March 2025

- Developed and maintained a frontend for a web platform, guaranteeing a smooth and user-friendly experience.
- Used React.js to create dynamic and responsive user interfaces, which improved overall usability and speed.
- RESTful APIs were integrated to ensure that data flows smoothly between the frontend and backend applications.
- Improved application performance by applying efficient programming practices and lowering load times.
- Collaborated with cross-functional teams, including designers and backend engineers, to create high-quality features.
- Improving user experience through feedback, problem fixes, and UI/UX design refinements.

Jr Cloud Consultant

Mappingskills PVT LTD – NOIDA IN   September 2023 - June 2024

- Assisted **senior consultants** in designing and implementing Azure-based solutions for clients, gaining practical experience with core Azure services.
- Oversaw migration projects that moved on-premises software and infrastructure to the **Azure cloud**, improving operational efficiency by 95%.
- Participated in **cloud migration** projects, helping to move on-premises workloads to Azure under

supervision.

- Conducted initial assessments of client infrastructure to prepare for Azure adoption, documenting current states and potential migration paths.
- Developed and maintained **Azure Resource Manager (ARM)** templates for **infrastructure-as-code(IaC) deployments.**
- Documented tasks and processes in a structured manner, ensuring clear communication and knowledge sharing across teams **Log Analytics** to enhance system reliability and performance.

Javascript Developer
RanchiMall – REMOTE   March 2022 - September 2023

- Developed and maintained the frontend of RanchiMall's e-commerce platform using **React.js**, ensuring a responsive and user-friendly experience.
- Built reusable and modular components in **React.js**, improving code maintainability and reducing development time by 20%.
- Integrated **RESTful APIs** to enable real-time data fetching and dynamic content rendering, enhancing user interactivity.
- Collaborated with backend developers to design and implement APIs for features such as user authentication, product search, and order management.
- Optimized website performance by reducing load times by 30% through code optimization and efficient use of **React hooks** and **state management**.
- Implemented **error handling** and **logging** mechanisms to improve application reliability and user experience.

Technologies

Technical Skills: Amazon Web Services (AWS), Google Cloud Platform (GCP), Microsoft AZURE Linux, NODEJS, C, C++, BLENDER, Python, JAVA, PHP, GitLab, GitHub, Jenkins, Git, Azure Repos, JIRA, HEROKU, Netlfiy, Supabase, Vercel, Fullstack Developer, NodeJs, RUST, BASH, Shell Scripting, GITLAB, DSA and Algorithms, Containers, Virtualization,

Databases: MONGODB, MYSQL, AWS RDS, AWS Aurora, Azure Cosmos DB, PostgresSQL, Firebase/Firestore

DevOps: CI/CD (Jenkins/CodePipeline), Docker, Kubernetes (EKS/AKS)

IaC: Terraform, AWS CloudFormation, ARM Templates

Security: IAM, Azure AD, KMS, Security Groups

Frontend: HTML, CSS, Javascript, TypeScript, ReactJS, VueJS, AngularJs

Certifications

AWS Certified Solutions Architect – Associate   2024
AMAZON WEB SERVICES (AWS)

Microsoft Certified: Azure Developer Associate   2024
MICROSOFT AZURE

AWS Cloud Practictionar   2023
AMAZON WEB SERVICES (AWS)

Microsoft Technology Associate (MTA) Introduction to programming using JavaScript
MICROSOFT

Projects

Blackbaas
blackbaas.vercel.app   github.com/youngsterjaidev/blackbaas

- Designed a solid backend system with Node.js and a **RESTful API** that acts as a uniform interface for AWS and Azure cloud storage services.

- **JSON Web Tokens (JWT)** were used to provide a secure authentication server that controls user access and safeguards API endpoints.
- Used **Node.js** and a RESTful API to construct a dependable backend system that acts as a standard interface for cloud storage services provided by **AWS and Azure**.
- A unified, uniform API that hides the underlying storage provider from the client and makes it simple for users to upload images and videos to **Amazon S3** or **Azure Blob Storage**.
- To ensure that only appropriate images and videos are sent, file types must be validated and size restrictions applied.
- Error management strategies are designed to manage and alert users to issues related to file uploads or storage service interactions.
- **Tools Used**: HTML, CSS, Javascript, NodeJS, MONGODB, Vercel

Alaric

alaric.netlify.app   github.com/youngsterjaidev/alaric

- Designed and constructed the web application's frontend using **ReactJS,** resulting in an intuitive and responsive user experience for passengers to explore bus routes and bus tickets.
- Real-time location changes on the frontend were implemented using React hooks and **Firebase's real-time database**, resulting in seamless and efficient data flow.
- The backend was built using Node.js, with **RESTful APIs** for ticket purchasing, user authentication, and data administration.
- **Firebase** is integrated for user authentication, real-time database capabilities, and cloud storage for bus and route information.
- Developed and implemented **Cloud Functions** to handle server-side functionality such as payment processing and booking confirmation management.
- Set up automated testing using **Cypress.io**, including end-to-end tests to ensure application reliability and detect regressions.
- The frontend was deployed to Firebase Hosting, while the backend was moved to Google Cloud Platform, ensuring scalability and high availability.
- Create continuous integration and deployment **(CI/CD)** pipelines with **GitHub Actions** to automate the build and deployment processes.
- **Tools Used**: HTML, CSS, Javascript, React, MONGODB, GCP, Firebase

Themysticroutes

themysticroutes.netlify.app   github.com/youngsterjaidev/themysticroutes

- Created an easy-to-use travel agency website where customers can browse, order vacation packages, and seamlessly plan their trips.
- Created and developed interactive elements that allow users to compare packages, view itineraries, and make informed decisions.
- RESTful APIs were integrated to provide real-time data about travel packages, availability, and cost.
- Created responsive and dynamic UI components with React.js to offer a consistent experience across devices.
- Improved website performance by optimizing code, lowering load times, and increasing overall responsiveness.
- Collaborated with backend engineers and designers to guarantee smooth functionality and a user-friendly interface.
- To increase customer involvement and happiness, we included features such as user reviews, package filtering, and booking confirmation.
- **Tools Used**: HTML, CSS, Javascript, React, MONGODB, Netlify

Certificate / Coursework

AWS re/start Cloud Practitioner

TATA Strive - Amazon Web Services (AWS), Cloud Computing, Linux, Networking, Python

Architecting Solution in AWS

Coursera - Amazon Web Services(AWS)

Test Automation Foundation

LinkedIn - Selenium, CypressIO

RIBC Internship

RanchiMall - Blockchain, JavaScript

BLOCKCHAIN ESSENCE COURSE

The Blockchain School HQ - Blockchain

Education

Alakh Prakash Goyal Shimla University,   Shimla
Bachelor's of Technology Computer Science and Enginerring (CSE)
- Specialization in Cloud Computing and Information Technology