

Ekansh Bajpai

Full-Stack Software Engineer – Cloud & Distributed Systems
Paderborn, Germany

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PROFESSIONAL SUMMARY

Full-stack software engineer with over three years of industry experience building scalable, cloud-native web applications and distributed backend systems. Strong background in frontend frameworks, backend APIs, and AWS-based architectures. Experienced in fintech platforms, enterprise systems, and IoT-enabled applications.

EXPERIENCE

Associate Software Developer

Mar 2021 – Oct 2021

Sabre Corporation

- Migrated enterprise-scale applications from OpenShift Container Platform to Google Kubernetes Engine (GKE)
- Assisted in refactoring deployment pipelines for containerized cloud environments
- Supported production systems including monitoring, logging, and incident resolution
- Worked with distributed teams on cloud migration and infrastructure modernization

Software Engineer

Jun 2019 – Feb 2021

HummingWave Technologies

- Developed full-stack web applications using ReactJS, AngularJS, Java, and AWS
- Designed and implemented RESTful APIs and backend services for web and mobile clients
- Built fintech platforms including loan management systems with cryptocurrency collateral
- Integrated third-party APIs, payment gateways, and cloud-native services
- Contributed to system architecture discussions and technical design decisions

KEY PROJECTS

MoneyWorld Asia – Money Remittance Platform

- Developed customer-facing and back-office web applications using React JS
- Implemented serverless backend services using AWS Lambda and DynamoDB
- Integrated third-party APIs for KYC, user verification, and transaction processing
- Implemented reporting, auditing, and export functionality using JasperReports
- Supported deployment, monitoring, and maintenance in production environments

eTutorWorld – Online Tutoring Platform

- Built student and admin portals using React-based frontend architecture
- Integrated Elasticsearch for fast content discovery
- Leveraged AWS S3 and CloudFront for content delivery and scalability

KRYPTOFIN – Crypto-Backed Loan Platform

- Developed backend services supporting Android and iOS applications
- Designed secure serverless workflows using AWS Lambda and DynamoDB
- Implemented authentication, authorization, and access control mechanisms

SKILLS

Programming: Java, Python, JavaScript

Frontend: React JS, AngularJS, HTML5, CSS3, Bootstrap

Backend: Spring Boot, REST APIs, GraphQL

Cloud & DevOps: AWS Lambda, DynamoDB, S3, CloudFront, Cognito, API Gateway, IAM, CloudWatch

Databases: MySQL, DynamoDB

Tools: Git, CI/CD, Linux

EDUCATION

M.Sc. Electrical Systems Engineering

In Progress

University of Paderborn

Focus: Distributed Systems, Signal Processing, Software Engineering

B.Tech Electronics & Communication Engineering

2019

Madan Mohan Malaviya University of Technology