

BHAVIK PRASHANT BHOIR

Full-Stack Developer | AWS & Generative AI

Herndon, VA · bhvkbhoir95@gmail.com · [linkedin.com/in/bhavikbhoir](https://www.linkedin.com/in/bhavikbhoir) · bbhoir-portfolio.web.app · github.com/bhavikbhoir

PROFESSIONAL SUMMARY

Full-stack developer with 6+ years of experience building production platforms in financial services, currently Module Lead at Idexcel. Own React UI and Node.js/Kafka backend architecture for a high-traffic loan origination platform, lead a 40+ vendor integration program across the loan lifecycle, and partner directly with product, design, and business stakeholders on architecture. Lead the platform's Generative AI adoption, co-architecting a 20+ agent system on AWS Bedrock AgentCore and shipping LLM features that cut recurring workflows from hours to minutes.

CORE SKILLS

Frontend:	React (Hooks, Context, UI/UX-focused component design), JavaScript, HTML5, CSS3/SCSS, Bootstrap
Backend:	Node.js, Express, Python (FastAPI), REST, GraphQL, Kafka (event-driven / microservices)
Cloud / AWS:	Lambda, API Gateway, Step Functions, DynamoDB, S3, SNS/SQS, Cognito, Secrets Manager, CloudWatch, IAM, AWS SAM
AI / Gen AI:	AWS Bedrock & Bedrock AgentCore, MCP (Gateway, client & server), RAG (pgvector, Titan embeddings), LLM-as-judge evaluation, Bedrock Guardrails, Textract (document extraction), Prompt Engineering
Data:	PostgreSQL/Aurora, pgvector, MongoDB/DocumentDB, DynamoDB
Quality & Tooling:	Jest, SonarQube, Datadog, Docker, GitHub Actions, AWS CodePipeline

PROFESSIONAL EXPERIENCE

Full Stack Developer — Module Lead | Idexcel

Sep 2020 – Present

Herndon, Virginia

- Own React UI development on a high-traffic financial lending platform — leading usability and performance improvements that reduce time-to-task for loan-processing users.
- Architect Node.js/GraphQL backend services and event-driven Kafka, SNS, and SQS pipelines across the lending lifecycle, decoupling core services and improving async processing throughput.
- Lead a 40+ live third-party vendor integration program across the entire loan origination lifecycle (credit reporting, KYC/KYB identity verification, document generation, collateral evaluation) and Outlook/Microsoft Teams CRM integration — driving architecture and integration design directly with product, design, and business stakeholders.
- Supported production on-call and incident response for 8 services; built CloudWatch/Datadog alarms and dashboards.
- Serve as Module Lead for a cross-functional team of 14 (6 engineers, 2 BAs, 2 UI/UX, 4 QA) — own sprint delivery end-to-end and drive architecture decisions across multiple product modules.
- Co-architected a 20+ agent platform on AWS Bedrock AgentCore — autonomous, multi-step agents (MCP Gateway, RAG on pgvector, LLM-as-judge evaluation) driving loan-processing and document-analysis workflows, cutting review from hours to minutes.
- Shipped separate, direct-LLM-powered features across CRM workflows — automated campaign content generation with compliance validation (regulatory and client-specific policy checks via a live filter registry) and built-in A/B testing, cutting recurring campaign creation to under a minute; plus AI-generated meeting prep and summarization, cutting prep and documentation to under 5 minutes.
- Built an AI-driven bulk document import pipeline — replacing manual, service-request-based bulk data loads with self-service upload and automated extraction/analysis — turning a multi-person, multi-hour process into a single-user task completed in minutes.

EDUCATION

M.S., Electrical & Electronics Engineering

2017 – 2019

Texas A&M University-Kingsville

B.E., Electronics & Telecommunications Engineering

2013 – 2017

