Aryam Shinde

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Education

Bachelors in Computer Science

Arizona State University *Tempe, Arizona*

Certifications

NVIDIA DLI | Generative AI and LLM Certifications

Experience

Software Engineer August 2025 – Present

Holiday Channel LLC

- Architected RESTful API with Express.js handling dashboard analytics, S3 document uploads, and realtime progress tracking with Redis caching for session data
- Implemented role-based authentication with NextAuth.js supporting three user tiers (admin, mentor, student) with JWT-based session management and protected API routes
- Developed automated email notification system using Resend API and Node-cron to alert students 7, 3, and 1 day before compliance deadlines, eliminating 12+ hours/week of manual reminder work
- Integrated Google Workspace APIs (Calendar, Sheets, Drive) using OAuth 2.0 to sync onboarding tasks and auto-populate compliance spreadsheets, saving admin team 8 hours/week on data entry

Software Engineer December 2022 – July 2025

DNA Traffic

- Developed an AI powered Chrome extension using React and Manifest V3, deployed to 1,200+ users through Chrome Web Store
- Integrated Hugging Face Inference API (BART-large-CNN) for real-time summarization with 3-5 second response times and exponential backoff retry logic
- Built content extraction pipeline with custom DOM parsing using Readability.js to identify article content, filtering ads and navigation before API calls
- Implemented Chrome storage API caching to store last 50 summaries per user, reducing redundant API calls by 35%
- Built ETL pipeline using Python and AWS Lambda to extract data from Salesforce API, transform customer records with pandas, and load into Redshift, processing 8,000+ records daily
- Developed Grafana dashboards with DirectQuery to Redshift displaying sales KPIs, regional performance, and customer funnels refreshed every 15 minutes for 6-person leadership team
- Participated in daily standups, sprint planning, and retrospectives across 3 two-week sprints, delivering 5 features with QA team collaboration and zero post-deployment bugs

Software Engineer Intern June 2022 – August 2022

Winwire

- Automated dependency scanning using Python with Safety and pip-audit libraries, integrated into GitHub Actions CI pipeline to flag vulnerabilities pre-merge
- Built Slack webhook integration that alerts engineering team within 10 minutes of CVE detection with CVSS 7.0, including affected packages and patch versions
- Developed phishing simulation tool using Flask, Celery for scheduled email sends, and PostgreSQL to track employee click-through rates across 80-person company

Technical Skills

- **Languages:** Java, Python, JavaScript, TypeScript, Scala, Perl, SQL
- **Frameworks/Libraries:** React, Angular, Flask, Node.js, Express.js, JUnit, Spark, Airflow
- **Databases:** PostgreSQL, MySQL, MongoDB, Redis
- **Cloud/DevOps:** AWS, GCP, Docker, Kubernetes, TravisCI, GitHub Actions, Cloudflare
- **APIs/Integrations:** REST APIs, Scripted REST APIs, GraphQL, JSON-based integrations
- **Tools:** VS Code, Git, ServiceNow, Supabase, Postman, PowerBI