

Gus Flusser

(424) 400-1314 | gus.flusser@gmail.com | linkedin.com/in/gusflus | github.com/gusflus | gusfl.us

PROFESSIONAL SUMMARY

Software development engineer with proven experience in full-stack solution development, AI, and cloud architecting. Skilled in engineering secure, scalable software and leading teams to develop innovative solutions for large-scale customers.

EDUCATION

California Polytechnic State University <i>Bachelor of Science in Computer Engineering (Expected)</i>	San Luis Obispo, CA Sep. 2022 – Jun. 2026
---	--

EXPERIENCE

Jr. Software Development Engineer <i>Amazon Web Services - Digital Transformation Hub Cloud Innovation Center</i>	Mar. 2025 – Present San Luis Obispo, CA
<ul style="list-style-type: none">Lead developer, engineer and architect for software solutions leveraging AWS services and modern frameworksDelivered 10+ serverless solutions for high-impact organizations, reducing operational costs and improving scalability for applications handling hundreds of thousands of interactionsPresented technical solutions at 3 national conferences to 1,000+ attendees, driving customer acquisitionCollaborated on engagement strategies serving 10+ customers and led 15+ technical demonstrations	
Student Software Engineer <i>California Polytechnic University - AWS Digital Transformation Hub</i>	Jun. 2024 – Mar. 2025 San Luis Obispo, CA
<ul style="list-style-type: none">Developed AWS cloud solutions alongside Solution Architects and engineering teams, gaining hands-on experience with enterprise-grade serverless architectures and giving customer-facing technical presentations	
Mobile Application Founder <i>Route</i>	Sep. 2023 – Present San Luis Obispo, CA
<ul style="list-style-type: none">Engineered cross-platform ridesharing mobile application serving 1,000+ users across 5 university campusesOrchestrated 500+ completed rides and implemented continuous improvement from user feedback and analyticsDeployed Infrastructure-as-Code using SST framework with serverless backend handling 3,000+ API calls daily	

PROJECTS

Semantic Lighthouse <i>AWS CDK, DynamoDB, MediaConvert, Transcribe</i> GitHub	Apr. 2025 – Present
<ul style="list-style-type: none">Architected automated meeting minutes generation tool for Lynnwood USD going to production with NetSyncLeveraged AI-powered speaker diarization and automated notification systems with secure content deliveryReduced meeting minutes creation time by 99%, saving significant employee hours monthly per organization	
Electronic Health Record Data Analysis <i>Bedrock, Python</i>	Oct. 2024 – Present
<ul style="list-style-type: none">Designed automated data pipeline extracting, categorizing and structuring data from unstructured eHRsPartnered with healthcare teams at LADPH, SNHD, and FloridaDPH to ensure compliance and data usabilityIntegrated automated validation and error correction, reducing manual review and processing time by 95%+	
ScopeBuilder <i>Next.js, AWS CDK, Bedrock, Cognito</i> GitHub Webstory	Jun. 2024 – Jul. 2025
<ul style="list-style-type: none">Built AI-powered scope of work solution leveraging AWS Bedrock for intelligent content creationInvented highlight-assisted AI find-and-replace tool achieving 95%+ accuracy in context-aware document editingAccelerated document creation by 80%+ and demonstrated to 750+ government procurement professionals, generating new customer engagement	
DxHub Summer Camp & Mentorship <i>Next.js, Bedrock, ApiGateway</i>	May 2025 – Present
<ul style="list-style-type: none">Developed serverless AI-powered application supporting 100+ concurrent, active users with real-time trackingTaught modern web design and architecture sessions with prepared starter repositories covering Next.js, FastAPI, ApiGateway, and Lambda leveraging AWS SAM for deployment	

TECHNICAL SKILLS

Certifications: AWS Certified Developer Associate (2025)
Programming Languages: JavaScript/TypeScript, Python, Java, C/C++, SQL, NoSQL, HTML/CSS
Frameworks & Tools: AWS, Git, Linux, React/Native, Next.js, Expo, PyTorch, Express.js, FastAPI