# Parker Phillips

Software Engineer – Backend Services, APIs, Cloud

253-317-9180 | Tacoma, WA (Open to Seattle, WA / Remote) | parkerphillips2003@gmail.com | linkedin.com/in/parker-dev
| github.com/DevParkerCS | pphillips.dev

## EDUCATION

**Western Washington University**                                                    Bellingham, WA
*Bachelor of Science in Computer Science*                            *September 2022 – June 2026*
- GPA: 3.79/4.00; coursework in Data Structures & Algorithms, Databases, Computer Networks, Operating Systems.

**Western Washington University**                                                    Bellingham, WA
*Web Development Bootcamp*                                              *June 2024 – September 2024*
- Finished with a 98.4%; built and deployed production-style full stack web applications.

## EXPERIENCE

**Implementation Consultant Intern**                               June 2025 – September 2025
*FAST Enterprises*                                                                       *Boston, MA*
- Contributed to a large, workflow-driven state unemployment platform as part of a cross-functional platform team to **design, build, test, and deploy** production-grade services and integrations.
- Implemented and maintained **C#/.NET** services in a multi-tier architecture, using object-oriented design principles.
- Optimized **SQL/T-SQL** queries and stored procedures over large relational datasets, improving performance and reliability for high-traffic financial and reporting flows.
- Triaged and root-caused a production sign-up outage by analyzing logs and metrics; shipped a C# fix within 1 day (ahead of a 2-day deadline), restoring system availability and documenting the incident for future monitoring.

**Undergraduate Researcher – Smart Home Data Privacy**            March 2025 – June 2026
*Western Washington University*                                                     *Bellingham, WA*
- Built and iterated on a **React + TypeScript** dashboard that consumes backend services and RESTful APIs to visualize real-time smart home events for privacy and security research.
- Worked closely with faculty and student researchers to design data models and API contracts, focusing on clean schema design, predictable data flows, and secure handling of event data.
- Implemented robust state management, loading/error handling, and monitoring-style UI elements so issues in upstream services are surfaced clearly to users and developers.

## PROJECTS

**PassThatClass** | *React, TypeScript, Node.js/Express, Postgres (SQL), OpenAI, Stripe, AWS*

- Designed and built a full stack study platform where students create classes, upload notes, and generate AI-powered quizzes, backed by scalable **backend services** and RESTful APIs.
- Implemented a **TypeScript + Node.js/Express** backend with well-structured RESTful API endpoints and a normalized Postgres schema (users, classes, quizzes, questions, subscriptions), emphasizing data modeling and secure data flows.
- Integrated **OpenAI models** and **Google Cloud Vision OCR** into a multi-step pipeline to convert unstructured notes into structured quiz entities, with validation, logging, and error-handling paths for resilience.
- Deployed the application using **AWS Amplify** and cloud-hosted Postgres, gaining hands-on experience with cloud platforms, environment configuration, and basic monitoring of production behavior.
- Implementing Stripe payment plans which include free/paid tiers end-to-end (backend + UI).
- GitHub: https://github.com/DevParkerCS/PassThatClass

## TECHNICAL SKILLS

**Languages**: C#, Java, TypeScript / JavaScript, Python, SQL / T-SQL, HTML/CSS
**Backend & APIs**: RESTful API design, backend service development with Node.js/Express and .NET; familiarity with microservice-style and distributed system concepts.
**Databases & Data Modeling**: Postgres, SQL Server, basic MySQL; relational schema design, data modeling, query optimization, and working with SQL databases in production-style environments.
**Cloud & Deployment**: AWS Amplify and basic AWS services; environment configuration, deployments, and monitoring-focused logging practices.