



Alpeche Pancha


Full-Stack Developer


Developer with 12 years of programming experience, including 5 years of professional experience in the field of software development and testing. Currently working in web development projects.

Looking for opportunities within teams that are passionate for development and where code quality matters.


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EXPERIENCE

Backend Developer

April 2020 – August 2020 | Coderus

- › Backend development in Python for multiple projects. Used asyncio, websockets, message queues and MongoDB.
- › Backend development in undisclosed project using Kotlin. Used ktor, Exposed, Sqlite, MongoDB and RabbitMQ.
- › Creating and managing Docker images and containers.
- › Regularly monitoring service performance and logs for multiple backend services.
- › Profiling and optimization of existing projects.

Test Engineer

October 2018 – April 2020 | Coderus

- › Continued working in the same key areas as a Junior Test Engineer, with more responsibilities and projects.
- › Developed a Python testing framework for firmware testing. The framework supported tests written using Gherkin and implemented in Python.
- › Helped the Android team with development during a busy Christmas period.
- › Implemented UI tests for iOS using the XCTest framework in Swift. Updated and maintained Fastlane build script for the project.
- › Maintained in-house test tools written in Node.js and Python.
- › Developed and maintained new shell and Python scripts, tools and CI pipeline shared libraries (in Groovy) for QA.

Junior Test Engineer

October 2015 – October 2018 | Coderus

- › Developed and maintained in-house software tools in Node.js and Python to improve testing workflow.
- › Developed automated tests for Android and iOS mobile apps using Espresso and XCTest. Languages used: Java, Kotlin and Swift.
- › Set up new Jenkins CI pipelines (declarative) for running nightly integration and user interface tests.
- › Developed shell and Python scripts to aid in automated testing and CI pipeline tasks.
- › In 2016, I helped the development team with backend work for an IoT smart home alarm project. For this, I worked with Node.js and the Express library.

Summer Intern

June 2015 – September 2015 | Coderus

- › Performed manual testing of mobile and desktop applications for multiple platforms, including: iOS, Android, Microsoft Windows and macOS.
- › Documented test results using a test case management system.
- › Reported issues found during testing using issue tracking and project management software.
- › Contributed to the development of SABA (School Anti-Bullying App) using Xamarin, and in-house build tools using Ruby.
- › Worked in an Agile environment as part of a team. Attended regular stand-ups and project meetings.

EDUCATION

BSc Computer Games Programming

2016 – 2020 | Class II (Division 1) | University of Suffolk

Diploma of Higher Education – Computer Science

2013 – 2015 | University of Essex

BTEC National Diploma IT Practitioners

2009 – 2011 | Newham Sixth Form College

PROJECTS

Personal Website ↗

Since 2019 | Gridsome (Vue.js) | GitHub ↗

A personal portfolio website and blog made with Gridsome, a static-site generation framework for Vue.js. Backed by the Strapi headless CMS, with MongoDB and GraphQL.

No BS YouTube Looper ↗

Since 2020 | JavaScript | Live Demo ↗

A mobile-friendly website that loops YouTube videos. It can loop an entire video or a portion of it. Easy to use, no distractions.

mwiki - Personal Wiki ↗

Since 2019 | VuePress (Vue.js) | Live Demo ↗

A simple wiki to store and manage my knowledge about various topics. Built with VuePress, a Vue-powered static site generator.

SKILLS

Full Stack Development

Vue.js Node.js Express React Bootstrap

Vuetify TailwindCSS Python Java Kotlin

Databases

MySQL SQLite MongoDB

Data Management and Query

RESTful APIs GraphQL Jamstack CMS

Microservices

Tools and Systems

Git Linux System Administration Jenkins

Docker

CONTACT

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