KRUNAL BADSIWAL

Full Stack Software Engineer

Barcelona, ES

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krunalmiracle.github.io

SKILLS

Frontend:

React, Svelte, Flutter, Angular, Vue, Kotlin

Backend:

Node.js, Python, Java, Dart

Database:

MySQL, Postgres, MongoDB, SQLite

Project Management:

Agile, Scrum, Lean, Waterfall

Cloud Computing:

Amazon Web Services, Google Cloud Computing, Azure

DevOps:

Docker, Linux

Mobile

iOS, Android (Flutter, Java, Kotlin)

General Engineering: Telematics

Network Systems, Wireless Technologies, Data Communication, Embedded Systems, IoT, Cybersecurity

Air and Aerospace: Aerospace

Aerodynamics, Propulsion Systems, Aircraft Structures, Flight Dynamics Avionics, Spacecraft Systems

COURSEWORK

Udemy - Automation Testing With Puppeteer, Playwright And Codeceptjs

MasteringNuxt - Mastering Nuxt 3

Udemy - Complete Vue Developer Bootcamp (Pinia, Vitest)

SkillShare - Python 3 Object Oriented Programming

SUMMARY

I am a strong, skillful, and self-organized Engineering grad passionate about innovative projects. Skilled in Agile dev, data science, and react. Junior Full Stack Web Developer at TalentDesk.io, experienced in cloud deployment, UX/UI, and app dev. Eager for new challenges.

WORK EXPERIENCE

2023-02 - 2024-02

Full Stack Web Developer

TalentDesk.io

- Developed a fully integrated freelancing management platform using ReactJS, MySQL, NodeJs, AWS, and Docker.
- Collaborated in an Agile environment with JIRA, playing multiple roles including feature developer, bug solver, and documentation specialist.
- Participate in technical discussions to aid system design, analysis, and troubleshooting.

2022-04 - 2023-01

Software Developer

Alteraid

- Deliver the project from design to testing, including new programs, enhancements, and modifications.
- Monitor the performance and test the server
- Participate in estimation and planning sessions
- Contribute to development of technical project documentation and user documentation.
- Managed cloud deployment of services and applications across iOS, Android, and Web platforms using Flutter, Node.js, Python and TypeScript.
- Produced documentation and reports for business clients and conducted software stability tests in health and medical environments.
- Project repository: www.casala.casa

2021-03 - 2022-03

Software Engineer

World Health Organization and UPC

- Improved GoData(Java) software for the UPC CCD scholarship project and WHO.
- Implemented a DRM licensing system for secure exchange of anonymized case data across institutions, using Angular for frontend and Node.js with TypeScript for backend.
- Integrated Python for speech analysis, text handling, Speech-to-Text, and Text-to-Speech functionalities.
- Automated patient case renewals using an Interactive Voice Response system, combining Python for voice analysis and Node.js for handling user requests and responses.
- Contributed to the development of an open-source solution for secure data exchange in health informatics
  Project repository: https://github.com/eetac/InSSIDE and https://github.com/WorldHealthOrganization/InSSIDE

LANGUAGES

English

Native

Catalan

Advanced

Spanish

Advanced

Hindi

Native

Udemy - Cypress End-to-End Testing - Getting Started

AWS Certified Solutions Architect Zero to Mastery

Microservices with Node JS and React

Udemy - The Python Bible™ Everything You Need to Program in Python

CERTIFICATIONS

Agile Software Development and Testing

Software Deployment, Operations, and Maintenance

CSSLP Cert Prep: 7 Software Deployment, Operations, and MaintenanceCSSLP Cert Prep: 7 Software Deployment, Operations, and Maintenance

EDUCATION

2016-09 - 2022-10	**Bachelor in Aerospace**
	Polytechnic University of Catalonia
	2016 - 2022	Bachelor in Aerospace Systems Engineering

2016-09 - 2022-10	**Bachelor in Telematics**
	Polytechnic University of Catalonia
	2016 - 2022	Bachelor in Telematics Engineering

PORTFOLIO
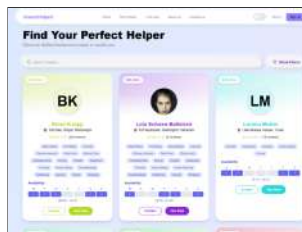
Instant Helperr - https://instanthelperr.fly.dev

Platform connects you with trustworthy caregivers for on-demand childcare, while simplifying the process for booking, payment, and management.
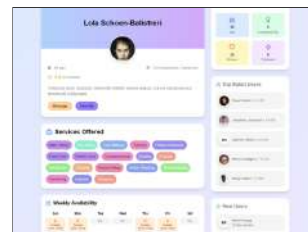
- Architected and developed a comprehensive care services platform, showcasing full-stack development expertise.
- Implemented complex features including user management, job posting, smart matching, contract negotiation, task tracking, and secure payment processing.
- Utilized SvelteKit and TailwindCSS for a responsive frontend, Node.js for backend logic, and SQLite with Drizzle ORM for efficient data management.
- Engineered a Docker-based deployment strategy for scalability and easy maintenance.
- Integrated Stripe for secure payment processing between caregivers and clients.
- Technologies used: SvelteKit, Node.js, SQLite,Server Sent Events, Drizzle ORM, Docker, TailwindCSS, Stripe API

Homepage

Helpers

Public Profile

Tasks Calendar

Chat