

Bez Kakavand

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As a highly adaptable software engineer, I excel both independently and within a team environment. With a strong educational background and a track record of delivering on critical project milestones, I bring a unique blend of technical expertise and creative problem-solving skills to every task. Whether evaluating requirements or designing innovative solutions, I have consistently demonstrated the ability to deliver high-quality results on time and within budget. As an innovative individual, I am always seeking new challenges and opportunities to learn and grow. I thrive in dynamic and fast-paced environments and am committed to staying current with the latest industry trends and technologies. Above all, I am passionate about leveraging my skills and experience to drive meaningful change and make a positive impact in my work.

#Note: I hold a valid work permit in the UK and require no sponsorship for employment.

Work experience

- Dec 2019 - present

Software Engineer

FinBlocks

As the main software engineer at FinBlocks, a b2b SaaS company providing secure deposits and payment services automatically for businesses via RESTful APIs, I have played a pivotal role in developing, maintaining, and testing different aspects of the application such as e-wallet and e-money handling, automated KYC checks, and daily reconciliation. In addition, I have contributed to all development lifecycle phases, from design to writing and development to maintenance. My technical expertise in Node.js, Koa.js, React.js, EventStore, MongoDB, AWS, CI/CD, Docker, and REST API has enabled me to produce high-quality, complex, and critical software that has handled £130M in the last 3 years. I have also been responsible for maintaining and building system structures using AWS EC2, S3, ECR, and KMS.
- May 2018 - Nov 2019

Web Developer

Mahan Vision

As a web developer at Mahan Vision, I designed appealing front-end using HTML, CSS, JavaScript, and React, and created server-side applications using Node.js and Express. In this role, I had the opportunity to work on a range of projects, including X-ray glazing, MRM maintenance, and more.

I also created innovative websites with animations, audio, and video displays, and devised Test Driven Development (TDD) plans to expand existing capabilities. Throughout my tenure, I consistently delivered clean, error-free code that matched the project scope and minimized performance issues.

Skills

- Node.js

90%

Node.js, express.js and koa.js servers
- React.js

80%

Hooks and class based programming
- MongoDB

90%

Atlas, Shell, Compass
- CI/CD

90%

Circle Ci, Jenkins
- TypeScript

70%

Types, Classes, Modules, Interfaces
- AWS Computing

90%

EC2 servers, KMS, S3 Buckets, Route 53, ECR
- Serverless

70%

AWS Lambda, API Gateway, DynamoDB, SAM
- API development

90%

RESTful, GraphQL
- TDD

90%

Unit, integration, End to End tests
- Web Development

90%

HTML, CSS, Vanilla JS, Bootstrap

Feb 2016 - Mar 2017

UI Designer

Farzin Holdings

I was responsible for creating visually engaging and effective marketing assets for consumer and industry events and promotions. I also designed mock-ups for website layouts and produced final web assets. Additionally, I was involved in translating UI/UX design wireframes into actual code to produce the visual elements of the application.

Recent Projects

Aug 2022 - Nov 2022

Open Banking Integration

FinBlocks

As the project manager of the Open Banking integration with FinBlocks, I have successfully led the project to integrate FinBlocks with a clearing bank, allowing users to have an account that can be used as a normal bank account. Throughout the project, I have overcome several challenges, including reconciling accounts, handling external events initiated outside of FinBlocks, and facilitating direct debit payouts.

Through the successful integration, users can now directly transfer funds to their wallets through their dedicated bank accounts automatically. Additionally, they can withdraw money or set up direct debits against these accounts. This has greatly improved the user experience and streamlined the financial management process.

Apr 2022 - Present

Onboarding Clients

FinBlocks

As the project manager for onboarding new clients at FinBlocks, I was responsible for helping their technical teams integrate their systems with our platform. One of the main challenges we faced was dealing with different data structures from each client, which required a significant amount of effort to reconcile and ensure that the data was properly processed.

In addition, our clients had new requirements and challenges that emerged in a fast-paced environment, which required me to stay up-to-date with the latest trends and innovations in the industry to provide effective solutions.

Despite these challenges, I successfully onboarded a new client that processes multi-million-pound transactions annually, helping them set up their system using FinBlocks' services. I reviewed their integration process, made suggestions, and monitored their progress to ensure a seamless and efficient onboarding experience. Through this process, I built a strong relationship with the client and gained valuable experience in project management, technical integration, and relationship building with key stakeholders.

Education

2017 - 2018

MSc International Management

Teesside University, UK

- Graduated with distinction, equipped with knowledge and understanding of global business influences, and an ability to analyze management decisions in an international setting.
- Distinction in Managing People in Organizations, Managing Operations and Finance, Developing Self and Others, Business Research Methods, and Dissertation.

2010 - 2012

MA Urban and Regional Planning

University of Tehran, Iran

- Passed the entrance examination for urban planning in 2010 as the 1st candidate in ranks (Master's Degree concours- 1389).
- Honed my team management skills by collaborating with a team of fellow graduate students on various projects.

2006 - 2010

BA City Design

IKIU, Iran

- Conducted a research project on the impact of urban renewal projects on community well-being, which allowed me to develop my critical thinking and analytical skills.

Certifications

- Ethereum Blockchain Developer - Udemy
- AWS Lambda & Serverless Architecture - Udemy
- React - (Hooks, React Router, Redux) - Udemy
- Amazon Elastic Compute Cloud (EC2) - Udemy
- The Web Developer Bootcamp - Udemy
- Understanding TypeScript - Udemy
- Learn React.js - Codecademy
- Learn SQL - Codecademy
- Software Development - CodeYourFuture