BEHROOZ MOHAMADI

Full Stack Java Developer

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📍 Tehran, Iran

SUMMARY

Passionate Software Engineer with 13+ years of experience, specializing in Full-stack Development in domainssuch as fin-tech and banking.

Experience:

- I have a verifiable history in different domains like Fin-tech, Core banking, Smart police, Civil registration, Health care, and Logistics domain.
- Extensive experience in working with micro-services architecture, SOA services, and cloud service and proficiency in related topics.

Skills:

- Proficient in Java, .Net, and JavaScript Development with expertise in both front-end and back-end technologies.
- Experienced in utilizing cloud services Amazon (S3, EC2, Lambda, EKS, VPC, API Gateway) with Terraform infrastructure as code.
- Experienced in utilizing NoSQL databases such as (Elasticsearch, MongoDB, and REDIS) and SQL databases (Oracle, SQL Server, PostgreSQL).

Career highlight:

- Played a key role in migrate services from Docker to Amazon EKS to extend services scalability and high-availability. utilizing AWS cloud services such as (API Gateway WebSocket, S3, Lambda) effectively to optimizing infrastructure.
- Successfully delivered a 2M$ investment management project From design to distribution as a senior software engineer in a 12-people team in Kian-Digital.
- Setting up a loan system in Bank and Launching the fund sitvasion service, and cooperative contract at the central branch of Maskan Bank contributed to the growth and success of the Navaco company.

EXPERIENCE

Remote Back End Developer

Extratik

📅 02/2023   📍 Istanbul, Turkey

🔗 https://extratik.com

Extratik is experts in everything related to digital transformation & digital marketing from content writing, SEO, SEM to SMM and Web design & development.

Skills:
Spring Boot, Docker, Kubernetes, Elasticsearch, Amazon AWS (S3, EC2, EKS, VPS, Lamda, Web socket), Terraform, .NET, C#, Stripe.

- Developed and enhanced the Health tech and docnmore.com projects as a backend developer, improving the functionality and user experience.
- Implemented Amazon S3 for seamless storage and retrieval of media files, optimizing performance and data management by 30%.
- Utilized Amazon EC2 to maintain all microservices as Docker containers, enhancing scalability and deployment efficiency.
- Implemented Elasticsearch as a NoSQL database for handling complex queries and geolocation data, improving search functionality and performance by 46%.
- Implemented Stripe payment solution by credit cards and digital wallets such as Google Pay, Apple Pay, Ali Pay, and Grab Pay.
- Implemented Google Cloud Firebase services such as messaging push notifications and engaging dynamic links.
- Migrate all micro-services from docker to Kubernetes and also replace spring-cloud architecture with Amazon-EKS. in this scenario we had to replace Zuul gateway and Eureka service discovery with ingress-nginx in k8s.
- Using HashiCorp Terraform to automate infrastructure as code.

EXPERIENCE

Back End Developer

Kian Digital

📅 11/2021 - 03/2023   📍 Tehran, Iran

🔗 https://kiandigital.com

Kian Digital is the pioneer digital-first company in the Fintech industry in Iran, providing people with banking and investment management services through a user-friendly integrated mobile application.

Skills:
Spring Boot, Elasticsearch, Kotlin, Docker, Kubernetes, Red hat Keycloak, Oracle Database, Resilience4j, Ci/cd Gitlab Jenkins pipeline, Metabase database visuilizer.

- Spearheaded the backend development for various projects, including kd-funds, kd-KPI-management, kd-composition, and kt-funds.
- Led the analysis, design, and development of the new-fund project, utilizing Microservices architecture, Java 11, Spring Boot, and REST APIs for seamless communication with other microservices.
- Implemented design patterns such as Decorator, Chain of Responsibility, Strategy, and Proxy to enhance the functionality and maintainability of the applications by 30%.
- Leveraged Kubernetes for scalability of APIs and load balancing, ensuring optimal performance and high availability.
- Utilized Kafka as a message broker for efficient communication with external services.
  6. Employed Logstash and Kibana for troubleshooting and issue resolution between microservices, ensuring smooth operations.
- Conducted unit and integration tests using Jupiter JUnit 5, ensuring the quality and reliability of the developed solutions.
- Implemented Keycloak for robust authorization and authentication across all microservices (SSO).
- Implemented a CI/CD flow for automated deployment by creating GitLab pipelines with Jenkins, streamlining the development and deployment processes.

Development Team Lead

FANAP

📅 03/2021 - 12/2021   📍 Tehran, Iran

🔗 https://fanap.ir

FANAP ICT Subsidiary of Pasargad Financial Group was founded in 2005 in partnership with Pasargad Bank and in collaboration with international co-workers. I am involved in Marginal parking project as Team lead developers.

Skills:
MSQL, .NET, C#, JQuery, Java, Spring Boot, Spring Batch, Red Hat Keycloak.

- There are some cars for taking Images and collect park information from streets, and then plate numbers should correct by the operators and also area and the zone are corrected based on the longitude and latitude range. Due to the large amount of information and the urgent need to retrieve them quickly, SQL databases were not the answer to this problem, and we chose the Elastic search.After processing the data by scheduled jobs in database, they are ready to issue toll bills for citizens. Therefore To inquire and pay bills or return them to citizens there are some REST APIs that developed by spring cloud architecture.

Full Stack Java Developer

Navaco Information Technology co

📅 08/2017 - 03/2021   📍 Tehran, Iran

🔗 https://navaco.ir

NAVACO Corporation as a subsidiary of MASKAN Bank focuses on core banking projects as well as other areas of banking like system installation, consulting, implementation of network and software security programs, and software development. I am involved in core banking projects as a full-stack senior Java developer.

Skills:
Java, Spring Boot, Spring Security, Spring Batch, JUnit Mockito, OSGI, Apache karaf, Oracle Database, Typescript, Angular 7, PrimeNG

- Core banking project treasury system.
- Direct debit: In this case, I should receive and read XML files on FTP protocol, and convert them to Java objects using JAXB marshaling and unmarshalling and validating by XSD. Implemented design patterns such as observer, factory, Query DSL, etc.
- Developed comprehensive unit and integration tests using Junit and Mockito to ensure the reliability and functionality of the system.
- Treasury and money making: Designed web applications based on OSGI, Apache Karaf, Blue print dependency injection, Angular5, PrimeNG.
- Cash: Consumed web services provided by central bank "CNAP" create clients by Apache CXF.
- Periodic Operations: Utilized Spring Batch for efficient processing of large-scale data and scheduling jobs with Quartz for periodic operations.
- Safe box: Worked with microservices and applied modular architecture concepts to enhance scalability and maintainability by 35%.
- Conducted testing of SOAP and RESTful web services using SoapUI and Postman.

EXPERIENCE

Full Stack Java Developer

NRDC

📅 04/2015 - 08/2017   📍 Tehran, Iran

🔗 URL

NAJI Research & Development Company is established in November 2005 to implement and deploy e-government and utilize the latest information and communication technologies. One of the prominent services of this company is the establishment of the +10 police offices. I had the opportunity to work as a Senior Java developer in diverse projects like Human resource System of Police, Bordering Web system Integrated, and Parking Enforcement.

Skills:
Java, Apache CXF (SOAP), JUnit, SVN, Spring Boot, Spring Data, Spring Security, JPA Hibernate, Eclipse, Maven, Oracle DB, Kibana & Logstash.
- Bordering Web system Integrated: for thousands of staff we designed web applications based on Spring, Hibernate, GWT, Spring boot, and Kafka so resulting in improved efficiency and performance.
- Human Resource Web system Integrated: developed and maintained by DWR framework with web MVC, JQuery, oracle database, hibernate, leading to a 20% increase in employee productivity.
- Parking Enforcement: Used socket programming with C# Windows application and implements events sender by devices by delegation pattern, reducing violation response time by 30%.
- Utilized Java core and reflection technology, incorporating generic types.
- Utilized Log4j as the logging mechanism to store on Logstash.
- Produced REST web services through Jersey for SOA services in various modules.
- Led a technical team of 5 members, ensuring timely project delivery and achieving a 95% client satisfaction rate.

Full Stack Java Developer

Baharan.co

📅 07/2012 - 04/2015   📍 Tehran, Iran

🔗 URL

Baharan Company has Several projects in the field of software. One of them that I was involved with was System Integrated for Logistics. Baharan currently working with 500 specialist staff in various fields of IT communications.
Skills:
Java, Hibernate, JSP,JSF, Struts, Spring MVC, Jasper Report,Eclipse, WebLogic, Maven, SVN, Oracle DB, Agile Methodologies, JQuery, JavaScript, HTML5, CSS3.
- Human Resource Web system Integrated (HR): Used Icefaces of the JSF and Oracle DB with JDBC, enhancing employee management processes and reducing administrative overhead by 55%.
- Generated extensive reports from a variety of use cases using Jasper report, J4Doc, and J4XLS, providing valuable insights for decision-making and streamlining processes.
- Hospital Information System (HIS): Designed and implemented Web GUI with Kendo UI and CSS3, JQuery, resulting in a user-friendly interface that improved user satisfaction by 90%.
- Secretariat ID card registration Web Application: Developed by struts1 and JDBC from the Oracle database, reducing manual data entry by 30% and improving data accuracy.
- Implementing procedures, functions, pivot, ref cursor, temp table on Oracle database, optimizing database performance and reducing query response time by 40%.
- Application deployment on WebLogic App Server and connect database via JNDI data source.

EDUCATION

Bachelor's degree, IT

University of Applied Science and Technology

📅 03/2012 - 03/2016

ACCP

Aptech Computer Education

📅 2004 - 2027

PROJECTS

Family Loan

📅 09/2020 - 11/2020

🔗 https://cafebazaar.ir/app/ir.behrooz.loan

This program is a mobile application and made to facilitate the management of members in family loans. If you use this program, you will enjoy the following features.

- Ability to define the list of people and view the total deposits and their loan installments.
- Ability to receive pdf reports in all forms for printing.
- Ability to register a deposit per person.
- Backup and prepare files from the program and save and send it to other programs.
- View the final balance of the box.
- Send a text report of a person's performance to other apps such as WhatsApp.

My police

📅 12/2017 - 06/2018

🔗 URL

Collecting people's driving violations by municipally affiliated companies and sending information to the municipality.

- Implemented in Web view, Windows desktop application, and mobile android platform which deployed on Azure DevOps and also CICD pipeline is on git from Azure.
- Web application technologies: oracle database, spring boot, hibernate, spring data, spring security, spring mvc, angular. Android application technologies : sqlite, green dao, butter knife, koush ion, bootstrap.
- Windows application technologies : MSSQL server, entity framework, metro framework, rest sharp, newtonsoft json serializer.
- What was a successful outcome of your work? (e.g. Raised $3,000 for the charity)

ESHOP

📅 2015 - 2018

🔗 URL

This website is made to sell products online with payment gateway.

- Ability to manage the content of products (CMS).
- Communicates between users and admin managers via SMS and telegram bot.
- Using Bootstrap Gentella master template to provide dashboard content management system.
- Using Java Spring boot for backend services.