

# Salar Arbabi

Location: Oslo, Norway

[slrarbabi.github.io](https://slrarbabi.github.io) | [LinkedIn](#) | [GitHub](#)

## PROFILE

Motivated and skilled engineer with over **4 years of experience** in different sectors. Dedicated to best practices leading to a **strong collaborative** working culture. Worked with eminent collaborators such as the Cancer Registry of Norway and Simula.

## SKILLS

<b>Programming</b>	: Java, Python, Solidity, C, HTML, CSS, JavaScript, Shell
<b>Frameworks</b>	: Node.js, Spring Boot, Swing, Django, Web-3, Hadoop
<b>DevOps</b>	: Docker, Docker Compose, Kubernetes, GKE
<b>Databases</b>	: PostgreSQL, MongoDB, Redis, MySQL, CouchDB, InfluxDB
<b>Dev Tools</b>	: Git, Gitlab, IntelliJ, Visual Studio Code, Eclipse, Android Studio, XCode
<b>Productivity</b>	: Jira, Agile, Scrum, Kanban, RESTful APIs, Mockito, Grafana, Maven, NPM, Slack, Asana

## EXPERIENCE

<b>System Design, Research, Development, and Deployment</b> <i>SMARTMED Project at University of Oslo, in collaboration with Cancer Registry of Norway and Simula</i>	Sep 2019 – Present Oslo, Norway
<ul style="list-style-type: none"><li>Utilizing <b>Python</b> language and <b>MVC frameworks</b> to develop <b>reliable</b> and <b>scalable privacy-preserving</b> services.</li><li>Deployment using <b>Docker</b> containers and <b>Kubernetes</b> orchestration. Troubleshoot, code review, and <b>fixed bugs</b>.</li><li>Monitoring <b>performance</b> with <b>Grafana</b> and improving performance with <b>optimization</b> schemes.</li></ul>	
<b>Web Master</b> <i>Blockchain Lab at University of Oslo</i>	Dec 2020 – Dec 2022 Oslo, Norway
<ul style="list-style-type: none"><li><b>HTML, CSS,</b> and <b>JavaScript</b> for dynamic and responsive websites. <b>REST APIs</b> to retrieve data from databases.</li></ul>	
<b>Research Development Specialist</b> <i>Fintech Research Center</i>	Feb 2017 – May 2019 Tehran, Iran
<ul style="list-style-type: none"><li>Designing blockchain-based IoT update delivery network. Conducting workshop on Ethereum smart contracts.</li></ul>	
<b>Software Engineer</b> <i>Smart Appliances Lab</i>	Sep 2015 – Dec 2016 Tehran, Iran
<ul style="list-style-type: none"><li><b>Backend</b> development of a vehicle tracking system using <b>Java, Git, Agile (Scrum),</b> and <b>Spring</b> framework.</li></ul>	
<b>Android Developer Intern</b> <i>ARSH</i>	May 2015 – Aug 2015 Tehran, Iran
<ul style="list-style-type: none"><li>Assisting senior developers in the design and development of Android applications using <b>Java, Git,</b> and <b>Jira</b></li></ul>	
<b>Teaching</b>	Department of Informatics, University of Oslo, Oslo, Norway
<ul style="list-style-type: none"><li>Mentoring M.Sc. students of University of Oslo in Java development and distributed systems paradigms</li></ul>	

## EDUCATION

<b>University of Oslo</b> <i>Ph.D. in Computer Science with specialization in Distributed Systems</i>	Oslo, Norway Sep 2019 – Aug 2023
<b>Amirkabir University of Technology (Tehran Polytechnic)</b> <i>Master of Science in Computer Science with specialization in Electronic Commerce</i>	Tehran, Iran Sep 2016 – Dec 2018
<b>Sharif University of Technology</b> <i>Bachelor of Science in IT Engineering</i>	Tehran, Iran Sep 2011 – June 2016

## REFERENCES

<b>Prof. Roman Vitenberg</b>	<i>Ph.D. Supervisor, Project Leader</i>	<a href="#">Web Page</a>
<b>Dr. Jan F. Nygård</b>	<i>Ph.D. Co-Supervisor</i>	<a href="#">Web Page</a>
<b>Dr. Thiago Garret</b>	<i>Post Doctorate Colleague</i>	<a href="#">Web Page</a>