

# Behrooz Nobakht

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## Summary

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- 15+ years of experience as a software engineer and architect
- Experienced as a team lead/manager in several software development projects
- Experienced in theory and practice of software engineering in cloud computing domain
- 4+ years of experience in lecturing in software engineering
- Background and interested in programming languages, distributed systems, cloud computing

## Experience

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### Lead Software Engineer

*HERE, 2016*

Senior staff member of CTO Advanced Technologies; reporting to [Matthias Ettrich](#):

- Missioned to build a software engineering team in DevOps fashion at HERE Eindhoven
- Lead and supervise projects at technology office spanning across different business groups

### Senior Software Engineer

*Fredhopper, 2011–2016*

- Team Lead at Cloud Services Platform with focus on
  - Orchestrating products/services on the cloud
  - Application-level scaling of services on the cloud
  - Highly-available, resilient and fault-tolerant software on the cloud
- WP and task leader at EU Project Envisage: <http://envisage-project.eu/>

### Co-founder, Engineer and Architect

*ASTA, 2004–2009*

- WiSE GFaces: WiSE GFaces is a creative approach towards providing a framework for runtime software development based on Java and JEE technologies.
- ZRM: Citizenship Relationship Management (ZRM) systems are the next level of CRM systems that are significant to citizen-related services across many countries around the world.
- Portal: Portal application is an infrastructure and an application orchestrator whose mission has been to the day to deliver six significant services to a set of enterprise applications planned to be used online throughout the enterprise.
- SMSC O&M Reporting Framework: SMSC O&M is a large-scale web application used by telecommunication service providers to operate and maintain their messaging services.

**Software Engineering Lecturer***Aptech Learning Services, 2005–2009*

- Java Programming Language
- Software Development on Java Enterprise Edition (JEE)
- JEE Technologies: Spring Framework, Hibernate, JSF, and etc.

**Research Software Engineer***Municipality of Tehran, 2004–2005*

- Software process tailoring, customization and standardization based on a mixture of heavy-weight processes (Rational Unified Process) and light-weight ones (Extreme Programming)
- Adoption of a software development framework for a large organization based on a survey of .NET based frameworks and JEE frameworks
- A survey on a set of required specifications for quality assurance of software applications developed in a large organization

**Software Developer***Research Institute at Petroleum Industry of Iran, 2002-2004*

Software Developer of GeoPars, a Reservoir Modeling System

## Education

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**PhD, Computer Science***LIACS, Leiden University, 2011–2016**Actors at work: Combining object orientation, actor models, and concurrency.*Thesis: <https://github.com/nobeh/thesis> + <https://github.com/CrispOSS/jabs>**MSc cum laude, Computer Science***LIACS, Leiden University, 2009–2011*Thesis: *Deployment of active objects onto multicore***BSc, Software Engineering***Sharif University of Technology, 1998–2002*JellyJ: <http://jellyj.sourceforge.net/>

## Skills

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Java · HTTP · RESTful Services · Microservices · Amazon Web Services · Cloud Computing · High Availability · Distributed Systems · Scalable Architectures · Concurrent Programming · Spring · Hibernate · Java Enterprise Edition · DevOps · Agile Methodologies · Extreme Programming · Akka · Go · Python · TypeScript · Angular

## Certifications

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- Certified Scrum Master *Scrum Alliance, 2014*
- Principles of Reactive Programming *Coursera, 2013*

## Honors & Awards

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- Leiden Excellence Scholarship Award
- The Second Best Faculty Member

*Leiden University, 2009–2011*  
*Aptech Learning Services, 2006–2007*