erinç**inci**

software engineer

about

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languages

english, *fluent*
italian, *beginner*
turkish, *native*

summary

Software Engineer with 6+ years of experience specializing in Java and Node.JS backend. Professional, creative with proven analytical skills. Adept at researching and developing highly available and scaled applications. Managing open source continuous deployment project MagePanel in spare time.

experience

2013 - today COMODO **AdTrust, Ankara TR** Senior Software Engineer

Crawler (*Team Leader*) - Working with **Java** backend modules, as well as **Java GWT** frontend modules for managing Comodo's web crawler system. Collecting and analyzing crawled web site contents and information using **ElasticSearch** and **MySQL**.

Ad Network (*Developer*) - *Working mainly on ad selection* **Java** *Web Services and* **Node.JS** *backend modules. Gained hands on experience on scalability, various data stores (***ElasticSearch**, **Cassandra**, **Hadoop**, **MySQL**)*, caches (***Redis**, **Memcache**)*, message brokers & task queues (***RabbitMQ**, **Kafka**, **Beanstalkd**) and frameworks (***Spring**, **Jersey**, **Storm**)*.*

Following Scrum agile development methodology in a specialized scrum team using **Jira** *and* **Confluence** *tools.*

As part of the projects, using **GIT** *as revision control system,* **Jenkins** *as continuous integration system and self-developed* **MagePanel** *as deployment automation system. Worked with* **CentOS** *and* **Ubuntu** *servers, installed technologies and maintained modules in production and staging environments.*

2012 - 2013 erbul **, Ankara TR** Software Engineer

Developed Turkish Vaccine Tracking System's backend low-level message processing module with **Java***, using* **Netty** *&* **Storm** *frameworks and* **MongoDB** *datastore.*

Developed web based **ASP.NET** *business applications in* **C#** *for Turkish Ministry of Health using* **DevExpress** *framework.*

*Also managed company's transition process in revision management (***GIT** *with* **GitBlit UI***) and continuous integration systems (***Jenkins***).*

2011 - 2012 ◑ **KOVAN Research Lab., Ankara TR** R&D Engineer

Together with my colleague Fatih Gökçe, we successfully completed the research project funded by Turkish Aerospace Industries (TAI). **ArduCopter** *open-source platform was used and modified with other components like additional* **Gumstix** *on-board computer,* **XBee** *radio modules and extra sensors. For demonstration, three quad-rotors were flown autonomously in a leader-follower layout.* **Arduino** *flight controller software was modified with* **C++***, and coordination module software was developed with* **C***. Worked with* **Ångström** *linux on Gumstix, managing sensor hardware drivers and coordination module.*

2010 - 2010 Ossabest **AASU, Savannah GA** Part-time Software Engineer

Project was funded by the National Science Foundation. Worked in a team developing a web-based user interface for manipulation of field sensor data like temperature and humidity. **JavaServer Pages** *technology was used. (Armstrong Atlantic State University)*

papers

2016	**A Privacy Preserving Anti-Malvertising System**	1st author
	International Symposium on Cyber Defence and Security (*ISCyDES'2016*)	
2015	**Privacy Preserving Secure Online Advertising**	3rd author
	Istanbul University - World Conference on Technology, Innovation and Entrepreneurship	

education

2012 - 2015	**Middle East Technical University** (GPA 3.45)	Ankara TR
	M.Eng. in Computer Engineering	
2009 - 2010	**Armstrong Atlantic State University** (GPA 4.0)	Savannah GA
	B.S. in Computer Science *(Courses taken for a year - Not completed)*	
2004 - 2011	**Gazi University** (GPA 2.64)	Ankara TR
	B.E. in Mechanical Engineering	
2001 - 2004	**TED Ankara High School**	Ankara TR

projects

2015 - 2016	**Where2Eat Android App**	**Play Store:** https://goo.gl/MTfkER
	An android application for randomizing selection of nearby venues (restaurants, bars, etc.) according to multiple parameters. Used **Java** and **Location API** with **Foursquare API** for venues.	
2014 - 2015	**MagePanel - Deployment Automator**	erincinci.github.io/magepanel
	Deployment automator UI, using Magallanes project in the backend. Written with **Node.JS express** framework and **Twitter Bootstrap** components. Also taking advantage of **Socket.IO** and **jQuery** frameworks.	
2014	**Behavioral Ad Targeting**	**Prezi:** https://goo.gl/e6CTa3
	For fulfilling graduation project requirement in METU Computer Engineering Master's Degree, this project was designed to guess user intentions based on their past web usage, and target appropriate advertisement to them to increase the chance of getting a click. **Hadoop** is used for storing past web usage, **Mahout** library is used for data mining and a **Java** web service is used for selecting appropriate advertisements in real-time. This project is also accepted in COMODO AdTrust and is planned to be integrated into the product.	

certificates

August 2015	**CS190.1x: Scalable Machine Learning**	edX Berkeley
	Honor Code Certificate *(https://goo.gl/QSrejQ)*	

awards

2010	**AASU Presidental Scholar**	Armstrong Atlantic State University
	Academic Excellence Award for the 2009-2010 Academic Year	

voluntary work

2005 - 2009	**Ankara Anıttepe Rotaract Club**	Ankara TR
	Secretary duty between July 2008 and June 2009	