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| I am a software engineering manager with a proven track of design, architect and development of cloud based scalable applications, payment systems, mobile apps and ecommerce solutions:  • PhD Degree in Computer Science • Multiple years of experience in leading >=4 teams of highly skilled engineers • Expertise gained at Amazon.com, world's largest online retailer, in building high-volume customer/seller facing systems with high availability • Experience in payment systems software development at three leading companies of the sector in Europe: Zalando Payments, Garanti Payment Systems and Yapi Kredi Credit Cards Division • Specialization in agile project development (PSM I) of e-commerce and payment systems  **EMPLOYMENT EXPERIENCE**  **Zalando,** *Engineering Lead, Payments* (*Feb 2018-)*   * Software Engineering Manager for 4 agile teams in Revenue Management consisting of 23 top-notch engineers. We design and deliver high performance, scalable, AWS cloud-based systems to decode payments to fit everyone and provide unique payment solutions to our customers. * Attract, retain and develop talent to build and grow engineering teams * Facilitate collaboration, communication and decision-making between agile engineering teams and stakeholders * Set standards and technical direction, coaching and ongoing leadership for the teams to drive the core of Zalando payments * Develop and execute the mid & long-term technical vision and architecture   **Garanti Technology,** *Software Development Manager, Mobile Payments* (*May 2016-Jan2018)*   * Responsible for leading a great team of 13 engineers who have delivered and maintain a wide range of large scale applications. We own the flag carrier and innovate products of Garanti Payment Systems from mobile applications (BonusFlas ~3MM downloads) to Trusted Services Manager (TSM), and market leading e-commerce products such as Virtual POS and 3dSecure * Coordinate the software development life cycle of new systems and features * Recruit, manage and motivate the best and brightest * Project management for keeping development in line with Banking Regulation and Supervision Agency (BRSA) and BBVA governance. * Standardize procedures for keeping our multimillion txn/day systems up and running 7x24 * Lead R&D efforts to innovate, design and develop new technology based products and POC prototypes * ***BBVA Open Talent Ideas Winner Team over 300 submissions and 10 elimination phases***   **Garanti Technology,** *Senior Specialist, Payment Systems Software Development* (*June 2011-* *April 2016*)   * Lead for BBVA Virtual POS, Garanti Virtual POS, Abacus POS Stock Tracking System and Garanti Collection System * Designed and developed various mobile payment solutions such as Remote Payment with Turkcell and iGaranti QRPay * Launched multiple Prepaid Card Sale Solutions such as CepT Paracard and Bonubon Prepaid Card * Delivered Garanti BKMExpress which is the express checkout solution of The Interbank Card Center (BKM) * Launched Garanti 3DSecure System for American Express Safekey, Client Type Based Content Delivery and various other optimization features such as automatic enrollment   **Yapi Kredi Bank,** *Project Engineer, Credit Cards Division* (*Nov 2010-* *June2011*)   * Managed outsource developers and 3rd party companies for NFC iCarte Project in collaboration with Turkcell * Technical designed migration of mainframe card issuing and management system to Open Source technologies.   **Amazon.com,** *Software Development Engineer II, WebStore by Amazon**(Aug 2007- Aug2010)*   * Developed Java server-side for WebStore eCommerce platform which powers a large seller base including Lacoste, Samsonite and Motorola under high volume of traffic and with high-availability. * Launched several automated traffic driving systems, optimizations which accounted for 63% of overall WebStore traffic. * Delivered seller-facing, self-service registration and nudge systems, backend pricing engines used by thousands of sellers. * ***Granted Amazon.com Innovation Award for filing 2 patents and Amazon Services Award for ‘The Starter Store Project”.*** * Provided tier-1frontline support by participating in on-call pager rotation, conducted SDE interviews for hiring and   mentored junior team members.  **Arizona State University,** *Research and Teaching Assistant (Aug 2003 – May 2007)*  **The George Washington University,** *Research and Teaching Assistant**(Aug 2001–May 2003)*  **EDUCATION**  **PhD - Computer Science, Arizona State University**, Tempe, USA (CGPA: 4.00/4.00) (*Aug 2003- Aug 2007)*  Sample publications are available upon request with full list reachable at <http://www.thetopcoder.com>   * Granted full scholarship with ASU EAS Teaching Assistantship and GCAT Awards (4 years). * Received 2 National Science Foundation Travel Grants, Travel Grants from ASU Division of Graduate Studies, ASU GPSA   **MS - Computer Science, The George Washington University**, Washington DC, USA (CGPA: 3.85 / 4.00) *(Aug 2001 – Aug 2003)*   * Granted full scholarship with SEAS Fellowship Award (1 year), Teaching Assistantship Award (1 year).   **BS - Computer Engineering, Middle East Technical University**, Ankara, Turkey (CGPA: 3.57 / 4.00) (*Aug 1997- May 2001)*   * Graduated with High Honor status (Ranked 11th among 122 students). * Ranked in top 700 (0.04%) in Turkish National University Placement Test out of 1.5 million applicants.   **RESEARCH AND PUBLICATIONS**   * **H. Ozgur Sanli,** Hasan Cam, *“Collaborative Event-Driven Coverage and Rate Allocation for Event Miss-Ratio Assurances in Wireless Sensor Networks”****,*** EURASIP Journal on Wireless Communications and Networking, Special Issue on Theoretical and Algorithmic Foundations of Wireless Ad Hoc and Sensor Networks, April 2010. * Hasan Çam, Suat Ozdemir, **H. Ozgur Sanli**, Prashant Nair, *“Secure Differential Data Aggregation for Wireless Sensor Networks”****,*** Sensor Network Operations, Editor Shashi Phoha, IEEE Press, Wiley Publications, 2004. * Hasan Çam**,** Suat Ozdemir, Prashant Nair, Devasenapathy Muthuavinashiappan, **H. Ozgur Sanli**, “*Energy-Efficient Secure Pattern Based Data Aggregation for Wireless Sensor Networks”,* Computer Communications Journal, Special Issue on Sensor Networks, Volume 29, Issue 4, 20 Feb 2006. * **H. Ozgur Sanli,** Hasan Cam, “*Joint Coverage Coverage Scheduling and Identity Management for Multiple Target-Tracking in Wireless Sensor Networks*”, Proceedings of IEEE GLOBECOM 2008, New Orleans. * **H. Ozgur Sanli**,Hasan Cam, ***“****Event Driven Coverage and Rate Allocation for Providing Miss-Ratio Assurances in Wireless Sensor Networks*”, Proceedings of IEEE GLOBECOM 2007, Washington DC. * **H. Ozgur Sanli**,Hasan Cam, ***“*** *Poster Abstract: Collaborative Scheduling of Event Types and Allocation of Rates for Wireless Sensor Nodes with Multiple Sensing Units*”, Proc. of ACM SenSys 2006, Nov 1-3, 2006, Boulder, Colorado, USA. * **H. Ozgur Sanli**,Hasan Cam, “*Adaptive Task Scheduling for Providing Event Miss-Ratio Statistical Assurances in Wireless Sensor Networks*”, Proceedings of IEEE WCNC 2006, Las Vegas NV. * **H. Ozgur Sanli**, Rajesh Poornachandran, Hasan Cam**,**“*Collaborative Two-Level Task Scheduling for Wireless Sensor Nodes with Multiple Sensing Units*”, Proceedings of IEEE SECON 2005, Santa Clara, CA. * **H. Ozgur Sanli**, Rahul Simha**,** “*A Joint Design Approach for Communication Schedule and Layout of Wireless Sensor Networks”****,*** Proceedings of ICWN 2005, Las Vegas, NV. * **H. Ozgur Sanli**, Hasan Cam, “*Energy Efficient Differentiable Coverage Service Protocols for Wireless Sensor Networks”,* Proceedings of IEEE PerSeNS 2005, Kauai Island, Hawaii. * **H. Ozgur Sanli**, Suat Ozdemir, Hasan Cam,“*SRDA: A Secure Reference Based Data Aggregation Protocol for Wireless Sensor Networks”****,*** Proceedings of IEEE VTC 2004 Fall, Los Angeles, CA. * **H. Ozgur Sanli,** Rahul Simha, Bhagi Narahari, *“Geometric Chemotaxis: A Biologically-Inspired Framework for a Class of Wireless Coverage Problems”****,*** Ad Hoc & Sensor Wireless Networks, Special Issue Multi-hop Ad hoc Networks: From Theory to reality Volume 2, Number 4, 2006. * **H. Ozgur Sanli**,Hasan Cam, Xiuzhen Cheng, *“EQoS: An Energy Efficient QoS Protocol for Wireless Sensor Networks”*,Proceedings of SCS WMC 2004, San Diego, CA. |