Name	**Nirdharsh Shetty**	**Curriculum Vitae**
Address	Marjastajankatu 4 E 43, 33710 Tampere, Finland	10th May 2024
Contact	📞 +358 408375842 ✉ knshetty@live.com	Tampere, Finland
Website	https://knshetty.weebly.com	

DATE-OF-BIRTH
30th November 1978

KEY COMPETENCIES
* **Fifteen years** of software development experience
* **Collaborative team player**, include strong leadership qualities
👤 Java, C#, JavaScript/CoffeeScript, HTML5, Python, Scala, SQL, MySQL/MariaDB, PostgreSQL, MS SQL DB, InfoPlus.21 DB, Oracle 9i, MongoDB, ETL Toolchain(Talend Open Studio & MS SSIS package), Sails.js/Node.js, Vue3/Vuetify3, Ember.js, Unity3D, Linux, Java Servlet, Eclipse RCP, WPF, WCF, .Net Framework, Shell Script, JSON, XML, Git/Mercurial, Amazon Web Services (AWS)/EC2, RESTful/Websocket APIs

DEGREES
🎓 University of Tampere, **Master of Sciences in Software Development**, 11/2009
🎓 Mikkeli Polytechnic, **Bachelor of Engineering in Information & Media Tech.**, 01/2002

WORK EXPERIENCE

Software Developer, Auga Solutions Ab, Vaasa, 11/2021 – 04/2024
Sector - Near-Realtime Crowd-Engagement IT/SaaS

⚓ Fullstack SW development – Signal-page app & backend services of Crowd-Engagement IT
🧩 Akka framework, MySQL, Vue3/Vuetify3, Amazon Web Services, RESTful API, JSON
🎮 Java, SQL, JavaScript, HTML5, Git, Jira requirements-toolchain

Quant. Trader/Software Developer, Self-Employed, Tampere, 03/2020 – 11/2021
Sector: Algorithmic-Trading IT/Computational Investment

⚓ (i)Active management of investment funds via hedging strategies utilising instruments like Stocks, ETFs, CFDs (ii)Research-&-develop risk-management toolchain(Novel technical-indicators, order-management schemes, prototyping BI-dashboards)
🧩 Marketscope trading platform, Tradingview charting API, Node.js, DearPyGui
🎮 Lua, Python, Pine Script, JavaScript, Git

Senior Software Developer, Delta Cygni Labs, Tampere, 01/2016 – 02/2020
Sector: Communication Technology/Augmented Reality

⚓ Design-&-development web tech.: (i)Client-side media streaming over HTTPS (ii)RESTful micro services featuring cloud based content management. Other responsibilities included maintenance of TDD assets(backend CURD modules).
🧩 Unity3D, JEE Servlet, MySQL, JSON, Sails.js/Node.js, Amazon Linux AMI, Amazon EC2, Tomcat7, Websocket, Android OS
🎮 C#, Java, SQL, CoffeeScript/JavaScript, HTML, Git

Software Developer/Solution Architect, Self-Employed, Tampere, 03/2014 – 02/2015
Sector: Algorithmic-Trading IT/Computational Investment

⚓ Design-&-development of reactive Business Intelligence platform with TDD applied to CRUD services. Ancillary duties included documentation/web-blogging, contributing to open-source projects, and algorithmic-trading.
🧩 Ember.js, Sails.js /Node.js, PostgreSQL, Bottlepy, HTML5, Twitter Bootstrap3.0, Handlebars, jQuery, JSON, Mimosa, Bower, Arch Linux, AtomIDE, Eclipse IDE, Durandal.js, Dart
🎮 CoffeeScript/JavaScript, Python, TypeScript, HTML, CSS/Stylus, SQL, Mercurial/Git

Software Developer, Deltabit Oy, Tampere, 10/2013 – 03/2014
Sector: Access Control IT

⚓ Design-&-development of MVVM/IoC UI for Access Control System. Ancillary duties included testing-&-deployment of Linux distros on embedded hardware.
🧩 WPF, WCF, Caliburn.Micro, Mahapps.Metro, MySQL, Ångström Linux, Ubuntu ARM Linux
🎮 C#, XAML, SQL

WORK EXPERIENCE	**Software Designer, Protacon Solutions Oy, Tampere, 08/2013 – 10/2013** Sector: Batch Manufacturing IT

⚓ Design-&-development of ETL processes and RESTful data-access layer
✤ ASP.Net MVC4/Web API, MS SSIS package, .Net Framework, MS SQL Server 2008/2012
⚙ C#, SSIS VDSL, SQL, SVN version control

Software Developer/Solution Architect, Self-Employed, Tampere, 04/2009 – 10/2012
Sector: Algorithmic-Trading IT/Computational Investment

⚓ Design-&-development of data-warehousing facility, data-mining utilities, data analytics tool-chain, and BI-dashboard
✤ J2SE, J2EE, MySQL, MongoDB, AMQP, ESPER CEP, Node.js, Qooxdoo, Orange-API, NetBeans, Debian Linux, Eclipse RCP, HTML5, Activiti-BPM, MetaTrader5, Mercurial/Git
⚙ Java/Scala, JavaScript, SQL, ETL-DSL, Python, OpenOffice Basic, Shell Script, Perl, C++, MQL5

Software Developer, Metso Automation Ltd, Tampere, 06/2008 – 10/2008
Sector: Energy Process Automation

⚓ Design-&-development of Manufacturing Information System(MIS) applications(middle-tyre & backend web service's business logic, simulation environment, and other related applications). Ancillary duties included providing technical training for application-engineers.
✤ MetsoDNA, Windows Server 2003, ASP.Net, .Net Framework, InfoPlus.21 DB, VMware
⚙ C#, SQL, Function Block DSL

Software Developer, Metso Automation Ltd, Tampere, 06/2007 - 08/2007
Sector: Process Automation Platform, Research & Development

⚓ Development of system diagnostics for industrial Distributed Control System(DCS). Other responsibilities included improving in-house Java software development processes.
✤ MetsoDNA, J2EE, Eclipse IDE
⚙ Java, Function Block DSL

Deputy Project Manager, Metso Automation Ltd, Tampere, 04/2003 – 09/2005
Sector: Energy Process Automation

⚓ (i)Resource planning of Process automation projects (ii)Supervision-&-quality control of DCS/MIS systems from design-to-deployment phases (iii)Virtual-team technical support & management of engineering-services. Ancillary duties: Sales-support/Customer-relations.
✤ MetsoDNA, Function Block DSL

Project Engineer, Metso Automation Ltd, Tampere, 04/2002 - 03/2003
Sector: Energy Process Automation

⚓ (i)Design-&-development of applications for Manufacturing Information System(MIS), including integration testing (ii)Operation-&-maintenance of Distributed Control System(DCS), including supervision-&-quality control during deployment. Ancillary duties: internal/customer documentation and virtual-team technical support.
✤ MetsoDNA, Windows 2000 Server, .Net Framework, InfoPlus.21 DB, Oracle 9i
⚙ Function Block DSL, SQL, Visual Basic, Shell Script

Software Designer, Engi Oy, Oulu, 10/2000 – 08/2001
Sector: Mobile Telephony

⚓ Design-&-development of UI components for embedded mobile device. Ancillary duties: documentation, project scheduling, and customer relations.
⚙ C/C++, Visual DSL

LANGUAGE SKILLS	**English/Kannada**	Native/Bilingual
	Finnish	Basic both oral and written skills
	Russian	Proficient oral and intermediate written skills
	Hindi	Proficient oral and basic written skills