

## Amit Nagar

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### Education

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| 10/2015-<br>Present | <b>M.Sc, Computer Science, University of Passau</b><br>Focus Area: IT-Security and Information and Communication Systems<br>Courses: Advanced IT Security, Wireless Security, Computer Performance Evaluation, Text Mining, Internet of Things and Context Recognition Architecture. |
| 2010-2014           | <b>Bachelor of Technology in Information Technology, Maharishi Dayanand University(Haryana)</b><br>Focus Area: Computer Science and Logic<br>Bachelor's Project in .NET Technology   |
| 2008-2010           | <b>Senior Secondary Education (D.AV Public School ,Faridabad, Haryana)</b><br>Focus Area: Physics, Chemistry, Mathematics, English   |

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### Practical Experience

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| 08/2017 –<br>04/2018 | <b>Master Thesis at Siemens AG, Munich</b> <ul style="list-style-type: none"><li>• Worked on developing a Tool which would allow easy composition and re-composition of IoT Applications.</li><li>• TypeScript, NodeJs, NodeJs Addons, Node-WoT, C++.</li></ul> |
| 06/2016 –<br>08/2017 | <b>Work Student at Siemens AG, Munich</b> <ul style="list-style-type: none"><li>• Developed IoT Application in Typescript.</li><li>• Integration of C++ module with JavaScript using NodeJs Add-ons.</li></ul>  |
| 08/2014 –<br>02/2015 | <b>Internship at Farsight I.T Solutions, India</b> <ul style="list-style-type: none"><li>• Developing application for payroll.</li><li>• Asp.NET, Microsoft SQL server, Crystal Reports.</li></ul>  |
| 04/2015 –<br>06/2015 | <b>Free Lancing Application Development</b> <ul style="list-style-type: none"><li>• Desktop application for Invoice management.</li><li>• C#, .NET, Microsoft-SQL Server, Crystal Reports, Visual Studio.</li></ul>   |
| 01/2014 –<br>06/2014 | <b>Bachelor Thesis Project</b> <ul style="list-style-type: none"><li>• Web portal for Healthcare.</li><li>• ASP .Net, Microsoft-SQL Server, Visual Studio.</li></ul>  |
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### **Further Qualifications**

Language Skills: German: Basic skills (A2 Level)  
English: Fluent (IELTS 7)  
Hindi: Mother Tongue

Technical Skills: Application Development, Web Development, IT Security.

Programming

Languages: HTML/CSS/JavaScript, TypeScript, Java, Python, Lua, C#, C/C++.

Frameworks: NodeJS, .NET, ExpressJS, ASP.NET

Databases: Microsoft SQL Server, MySQL, MongoDB, MS Access

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### **Extra-Curricular Achievements**

- Volunteering at Helpage India Campaign.
- Awards and Participation in Sports(Basketball and Athletics)
- Most Disciplined student Award.

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### **Personal Interests**

Playing basketball and volleyball, travelling, listening music and learning new technologies.

Amit Nagar