**Rajkumar Ananthu** [GitHub Profile](https://github.com/rajkumarananthu)

+91 7893079518 [Stack Overflow Profile](https://stackoverflow.com/users/11230708/rajkumar-ananthu)

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**Experience**

**Software Engineer** June 2022 – Present

MathWorks India Pvt. Ltd., Hyderabad, Telangana

* Compiler Development, HDL Coder Toolbox.
* Technologies: MATLAB, C++, Verilog

**Silicon Design Engineer 2** May 2019 – June 2022

**Silicon Design Engineer 1** Hyderabad, Telangana

AMD India Pvt. Ltd.,

* Regression Management
* Jenkins for CRON maintenance.
* Upgrading tools to facilitate CRONs.
* Debugging fails from regressions.
* Technologies: C++, Perl, Shell

**Associate Software Engineer** August 2017 – September 2018

MathWorks India Pvt. Ltd., Hyderabad, Telangana

* Compiler development using C++
* Technologies: C++, STL(C++), Verilog

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**Open Source Contributions** December 2021 – Present

1. **x64dbg** – A windows debugger for x86 and x86\_64 machines.
2. **yaml-cpp** – A C++ library to work with YAML files.

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**Education**

**Master Of Technoloygy, Microelectronics** 2021 – 2023

BITS Pilani WILP CGPA: 7

**Bachelor Of Technology, C.S.E** 2013 – 2017

UCEK, JNTU-Kakinada %: 78.75

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**Papers**

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**Certifications**

**CPA** C++ Institute

Certified C++ Associate ProgrammerMarch 2019