

Mr. Sujeet Kumar

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Career Objective:

Seeking an increasingly responsible technical position in the organization supported by innovative and challenging work environment that can provide me with a diversified exposure to different technologies and various work cultures.

Career Summary:

- Having 4+ Year experience in Web Development that includes- end to end design and development of backend of the website using PHP (Codeigniter, Laravel), MySQL, MongoDB, Javascript, Ajax, JQuery, Bootstrap and API Development, Payment Gateway Integration.

Academic Profile:

- **Master In Technology (Digital Communication & Networking)**
College : Dayanand Sagar College Of Engineering, Bangalore
University: VTU, Belgaum
Dissertation title: "Design and development of proximity-1 space link protocol"
Grade: 75.51 %
Year of passing: 2012
- **Bachelor Of Engineering (Electronics & Communications)**
College: HMS Institute Of Technology, Tumkur
University: VTU, Belgaum
Grade: 60.11 %
Year of passing: 2010
- **Higher Secondary School Certificate Examination**
College: C.M.Science College, Darbhanga
Board: B.I.E.C, Patna
Year of passing: 2006
- **Secondary School Certificate Examination**
School: Lakshmishwar Academy Sarisab
Board: B.S.E.B, Patna
Year of passing: 2004

Publication:

- Sujeet Kumar and H.C.Srinivasaiah "A Framework for FPGA Based Implementation of Proximity-1 Reliable Space Link Communication Protocol" in Proceedings of the International conference on evolutionary trends in information technology (ICETIT)-2012, Belgaum, India, vol. 1, p. 7, October 2012.

Awards And Honors:

- 2003-04 **Received Gold Medal** as a school topper in 10th board exam, including **82% in mathematics and 86 % in Advance Mathematics.**

Professional Experience 1:

- **Organization Name:** C2i Soft Technologies
- **Role :** Senior Software Developer
- **IT Skills :** PHP, Codeigniter, Laravel, MySQL, MongoDB, Javascript, Ajax, Bootstrap, API Development, JQuery, Payment Gateway Integration
- **Duration:** From May 2016 to Present
- **Description :** *Backend development using PHP, Codeigniter, Laravel, MySQL, MongoDB, Javascript, Ajax, Bootstrap. End to end design and development of backend of website. API design and development using PHP, Codeigniter, Laravel, MySQL, MongoDB. MongoDB database store data in json like format.. It is a NoSQL database. So api created using this technology has faster response then other database technology.*

Professional Experience 2:

- **Organization Name:** IndEyes Infotech Pvt. Ltd.
- **Role :** Associate Software Developer
- **Duration:** From Feb 2014 to Apr 2016

- **Description :** End to end development of website and database. Web development using MVC framework. Responsive and Light page design. Knowledge of custom CMS like wordpress, Opencart etc. Flexible database design and development using MongoDB. Api design and development using Slim framework for mobile devices.

Project/Training/Internship Detail 1:

- **Organization Name:** ISRO Satellite Centre(ISAC),Bangalore
- **System:** Chandrayan-2
- **Sub-system :** Proximity-1 Protocol
- **Nature of work:** Design and development of protocol sub-system of chandrayaan-2.
- **Duration:** 2011 to 2012 (One Year)
- **Description—** Proximity-1 is the CCSDS standard space link protocol for communication among orbiter, lander and rover. This protocol implementation using VHDL coding. Hardware implementation of this protocol is done with ASIC based design.. This protocol is tested in the ProASIC based FPGA designed hardware. This protocol development includes design and development of hardware sub-system using VHDL coding and ASIC based designed circuit. Testing of this protocol involves checking of various parameter by using various standard instrument.

Project/Training/Internship Detail 2:

- **Company Name:** Tata Teleservices Limited, Bangalore.
- **Work description:** RF Planning and Optimization of CDMA (2G/3G) Network.
- **Duration:** Six month
- **Description:** RF Planning, Design, Implementation & Optimization of a new cell site. Various tools used for RF Planning and Optimization. RF Planning deals with the air interface between the Base Transceiver Station (BTS) & the Mobile Station (MS). RF Planning also involves designing & optimizing the network in order to provide a high quality services to customers at low cost. The main purpose of the RF planning is fewer base stations per network, greater system efficiency and capacity, improved voice quality and a reduction or elimination of drop calls and multipath problems. This will improve services to the Customers and great reduction in network cost to the Company.

Skills/Tolls:

- HTML,CSS,JavaScript,Bootstrap,Wordpress,PHP,SQL,MySql,jQuery,Codeigniter,Opencart,Ajax,MongoDB
- Wireless communication-GSM,CDMA,Other latest wireless technology like UMTS,WCDMA etc.
- Networking – High Performance Communication Network, Advance Computer Network, Multimedia communication, Protocol Engineering, Network Security, Digital Communication ,Advance Digital Communication.
- VHDL,Verilog, C and C++,MATLAB
- Libro,Xilinx,OrCAD,FPGA,Mentum Planet
- Hardware Design & Development :

Membership:

- Institute of Electrical and Electronics Engineers (IEEE)

Extracurricular Activities:

- 2010-Present Active member of the IEEE Bangalore section/
Active participant of Maximum International/National conference/seminar/workshop held at Indian Institute of Science(IISC),Bangalore. Active participant of conference organized by corporate companies at the different location like Bangalore, Delhi etc.
- 2011-2012 Elected Secretary of IEEE at college level.

Personal Detail:

- Date of Birth : 10th May, 1987
- Marital Status : Married
- Nationality : Indian
- Hobbies : Learning new technical/ non-technical innovations for the betterment of humanity.

Declaration:

I hereby declare that the information furnished above is true to the best of my knowledge.

Place: Bangalore

Signature of Applicant
Sujeet Kumar

