

Nitin Sharma

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EDUCATION

University of New Hampshire, Durham, New Hampshire

August 2019 - December 2021

Master of Science (Computer Science)

Completed 30 credits

University Institute of Technology, Barkatullah University, Bhopal, MP, India

August 2010 - May 2014

Bachelor of Engineering (Computer Science & Engineering)

CGPA: 7.61/10

TECHNICAL SKILLS

- Programming Languages - C/C++, HTML, CSS, PHP, JavaScript, Typescript, CodeIgniter, React.js
- Database & Analysis – MS Access, PostgreSQL, MySQL, AWS, MongoDB, ASP.NET
- Miscellaneous – Angular, SEO/SMO, Magento, WordPress, Bootstrap, Github, UI/UX, JSON, Laravel
- Undergoing Projects - Machine Learning, Node.js, jQuery, Ajax, MongoDB, Angular 2

WORK EXPERIENCE

University of New Hampshire, USA - Software Developer

September 2020 - Jan 2022

- Working with the Housing technology Department for update of online communication system with Node.js
- Updation and monitoring of web tools with Webpack, Redux, jQuery, PHP and WordPress based client sites
- Updation of software versions for the telecommunication system and getting rid of deprecated functions

NextStep HealthTech, New Hampshire, USA - Software Developer (Intern)

May - August 2020

- WebApp development for the product NextStep.Health and conversion from ES5 to ES6
- Healthcare app development using React.js, JavaScript, Amazon AWS and creating REST APIs
- Testing/debug of existing apps, features additions and UI/UX improvements, adding payment gateways

Soluzione IT Services Pvt. Ltd, Bhopal, MP, India - Web Developer

April - August 2018

- Examined WordPress & Magento based websites customized for Page Rank Improvements over tools
- SEO+SMO operations renovations using WooCommerce & WordPress tools for better user experience
- Conducted live clients domains, setting up the domain, hosts, websites & tools from scratch

RS Technologies Pvt. Ltd., Bhopal, MP, India - Software Engineer

June 2017 - March 2018

- Developed local web services SEO Ranking tool & APIs
- Implemented socket programming for calculating network throughput, packet loss and network emulator tools
- Configured network hubs, switches, cables, routers & firewall from scratch for setting up local LANs

Magnet Brains Soft. Tech. Pvt. Ltd, Bhopal, MP, India - Web Developer

August 2015 - May 2017

- Developed custom Wordpress themes and plugins from scratch using PHP, HTML, CSS, JavaScript
- Addressed Live Technical Customer support, sales and after sales services to clients over voice/emails/skype
- Collaborated on Live projects InkThemes, FormGet and jQuery based web-apps

ACADEMIC PROJECTS

Covid-19 Action Model (Team Size: 3)

February - May 2021

Brief Description: Designing the model for use by the state and local community to help decide the public interventions implementing Deep & Reinforcement Machine Learning techniques.

Machine Learning Methods Comparison (Team Size: 3)

April - May 2020

Brief Description: Analyzing Heart Disease UCI dataset with Best Subset Selection with k-fold cross validation, LDA, QDA, Decision Tree on Best Subset, Bagging on Best Subset, Random Forest on Best Subset, Boosting on Best Subset, Support Vector Machine with Linear, Polynomial, Radial and Sigmoid Kernels

Image Processing System (Team Size: 3)

July - September 2013

Brief Description: jQuery based system designed for security agencies which processes even blur images to output a high definition image which is better to read and helps in extracting the maximum information on a single click.

BRTS Online Ticketing & Information System (Team Size: 4)

May - June 2012

Brief Description: PHP based application facilitating online reservations of seats in city transport buses, special city tour buses, customizing trips, monthly passes booking and a route information portal.

ECommerce & College Management Software (Team Size: 4)

July - September 2011

Brief Description: WordPress based application developed using HTML, CSS, JavaScript for fees remit, attendance management, library management, with integrated e-commerce for purchase of school materials.

TRAININGS / CERTIFICATIONS

- Summer Learning Academy (externship) | AT&T Communications, Dallas, TX | **June 22 - July 20, 2020**
- Summer Career Academy - Coding Track | University of New Hampshire, Durham, NH | **June 1 - July 10, 2020**
- Software & Web Development | Magnet Brains Software Technology Pvt., Bhopal, India | **May - August 2015**
- Payroll Systems (Major Training) | Northern Coalfields Ltd., Singrauli, MP, India | **July 2 - August 1, 2013**
- Data/Networking analysis (Minor Training) | Northern Coalfields Ltd., Singrauli, India | **June 25 - July 09, 2012**

AWARDS & ACHIEVEMENTS

- Rewarded as the best presenter, human trainer, professional speaker and Personality Development trainer in Network Marketing organization eBIZ.Com Pvt. Ltd, Noida, UP, India **December 2014**
- Secured 3rd rank in State level event 'Paper Presentation' & 'MANAGER 2013' organized by Jeev Sewa Sansthan Group of Institutions for Women, Bhopal, India **September 2013**
- Ranked among top 10 presenters in Delhi Local Network Level at Present Around The World competition organized by Institution of Engineering and Technology(IET) **March 16, 2013**
- Ranked 1st and 2nd in 'Blind Coding' and 'Code Master' events respectively at 'Tekniska-2012' organized by Barkatullah University, Bhopal, MP, India **February 2012**
- Performed in Microsoft community TechDays organized **October 11, 2010**

CAMPUS & LEADERSHIP ACTIVITIES

- Network Assistant at UNH Housing IT Department **May - August 2021**
- Active participant in i2 passport programme organized by ECenter UNH **September 2020 - Present**
- Winner of events Scavenger Hunt & Coding Track Meme Contest at UNH **June 2020**
- Service Associate at Hospitality Services, University of New Hampshire **September 2019 - Present**
- Lead a team of 7 people to conduct a market survey titled '*Education as a status symbol*' **November 2012**
- Volunteered International HandWash Day organized by National Service Scheme & UNICEF **October 14, 2010**
- Performed in seminar on 'Back to the future' by Yashwant Kanetkar and Asang Dani **September 18, 2010**