Instructional Student & Research Assistant Instructional Student & Research Assistant Instructional Student & Research Assistant Fullerton, CA Work Experience Instructional Student & Research Assistant California State University Fullerton August 2018 to July 2019   Led a team of three to design an IoT based DAQ system to harvest energy from nearby Wi-Fi routers CID network   Conceived a web app to display & interpret acquired data graphically with ChartJS & send graphical data to concerned doctor   Mentored & provided guidance to 3 groups of 9 students in their final course project for EGCP 565: Rapid Prototyping for IoT   Tools and technology used: C, Arduino IDE, HTML, JavaScript, ChartJS, Bootstrap, Arduino YelpCamp September 2018 to September 2018   Full stack, Yelp Style RESTful Web app using MongoDB, Express.js & Node.js stack   Integrated user authentication with PassportJS & wrote middleware in mongoose to provide appropriate authorization   Enabled posting reviews & comments with CRUD operations   Relevant Links: GitHub Live Demo   Tools & technology used: MEN, Google Maps API, Bootstrap, PassportJS, AJAX, AWS Cloud9, Heroku Web Developer IT Intern Aquis India - Pune, Maharashtra July 2018 to August 2018   Restructured company's marketing website by working closely with management team to add several additional features & revamp UI/UX   Engineered & fulfilled major topographies of company's customer-facing web app utilizing MEN stack & ES6, CSS, Bootstrap 4   Proposed & executed scalable solutions to issues identified with cloud services & applications (AWS)   Executed CRUD operation on Mongo DB with RESTful API to give real time data manipulation on website   Tools and technology used: NodeJS, MongoDB, ExpressJS, PassportJS, JavaScript, HTML, Bootstrap, AWS EC2, Adobe Photoshop www.aquis.in July 2018 to July 2018   Spearheaded & revitalized company's website (Front-end & back-end) & systemized RESTful routing architecture with CRUD   Formulated & deployed interactive website by expending AWS EC2 instance, Cloud9 & MongoDB cloud clusters   Overcame company's problem of embedding SSL generated via lets-encrypt to enable https protocol   Relevant Link: Live Demo   Tools & technology used: Mongo DB, Bootstrap 4, ExpressJS, Node.js, Embedded JS, HTML, AWS EC2, Git, User authentication Full Stack Web Developer Arham Digital - Pune, Maharashtra July 2016 to July 2017   Devised and maintained code for client websites by exploiting MongoDB, Express,

Angular, ReactJS with Redux & NodeJS   Worked with a team of three in an Agile/SCRUM to construct a vigorous customer database, keeping track of all transactions & inventory updates   Applied various JavaScript methods and JSON to handle API requests and responses for front-end data injection   Extensive hands-on experience in testing with the help of Mocha and in various browsers prior to production releases   Built numerous websites for various clients in WordPress & PHP, Shopify, Wix with custom theme   Tools and technology used: React, Angular, JavaScript, Sass, NodeJS, ExpressJS, MongoDB, PassportJS, HTML, PHP, Bootstrap, RESTful, WordPress, AWS EC2 Education Master of Science in Computer Engineering California State University - Fullerton, CA September 2017 to March 2019 Bachelor of Engineering in Electronics & Telecommunication University of Pune - Pune, Maharashtra September 2012 to March 2016 Skills Amazon web services, C++, Git, Javascript, Bootstrap, Node.js, Webpack, Json, Php, Python, Xml, Android, Html5, Ios, Sass, Mongodb, Ajax, Web services, Mysql, Ui Additional Information TECHNICAL SKILLS   Programming Languages: JavaScript (ES6), HTML5, CSS3/Sass, Python, PHP, C++, Embedded-C   Libraries & Frameworks: React.js, React native, jQuery, Node.js, Express, Bootstrap, Semantics UI   Tools: Webpack, Gulp, Git, GitHub, Bitbucket, Postman, Google Analytics, Adobe CC   Platforms: Amazon Web Services, Microsoft Azure, Netlify, Heroku, WordPress, Shopify, Wix   Web Technologies: RESTful, AJAX, JSON, XML, SEO   Databases: MySQL, MongoDB   Operating Systems: Windows, Linux, macOS, Android, iOS

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