Dev Agrawal

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Technical Skills

Languages : **Javascript** (React, Angular, Express, Nest), **Database** (SQL, MongoDB), **Java**, **HTML** and **CSS**
Enterprise : **Microservices, DDD, Agile and Scrum, CI/CD, Infrastructure Management**
Cross platform : **Ionic**, **React Native**, **Electron**, **PWA**
Tools : **Cloud** (Heroku, AWS, Azure, Netlify, Cloudflare), **DevOps** (GitHub, Travis), **SysAdmin** (Linux, Docker, Nginx, Ansible)

Educational Qualifications

BACHELOR'S DEGREE – UNIVERSITY OF CINCINNATI   (August 2018 - Current)
▶ BS in **Information Technology, Software Development track** (GPA 3.5)
▶ **Minor** in **Psychology**
▶ **University Honors Program**

Work Experience

SOFTWARE DEVELOPER (UC IT SOLUTIONS CENTER)   (January 2020 – August 2020, January 2021 - Current)
▶ Full-stack development of **enterprise-level systems** used by agencies throughout the country
▶ Led the development of the **Ohio Sentencing Data Platform (**ohiosentencingdata.info**)**
▶ Led the work on a **suite of applications** used by **UC Corrections Institute** and **Ohio Department of Youth Services**
▶ Assisted with **DevOps engineering**, **System administration**, **Monitoring** and **Client support**

RESEARCH ASSISTANT (UNIVERSITY OF CINCINNATI)   (September 2018 – December 2019)
▶ Worked on a **research project funded by NSF and Mozilla** with a team of professors and masters students
▶ Researching the implementation feasibility of **access control**, **emergency detection** and **crisis response** using **IoT**

MOBILE DEVELOPER (CO-OP AT HEALTHYLOVEDONES)   (May 2019 – August 2019)
▶ **Created a mobile application** that greatly improved customer engagement

FREELANCE DEVELOPMENT WORK (HEALTHYLOVEDONES)   (April 2018 – July 2018)
▶ **Developed a web application** for the organization (healthylovedones.com)
▶ **Worked on the database** and **backend** of the organization with their technical team

INTERNSHIP FOR BHARAT VIKAS PARISHAD   (February 2017 – May 2017)
▶ **Designed a web application** for **Bharat Vikas Parishad** (Shiva Branch, Varanasi) for the organization's internal use

Extra-Curricular

ORGANIZER FOR REVOLUTIONUC   (September 2019 – Current)
▶ Organizer for **UC's largest hackathon**
▶ Developing and managing the **hackathon website**, **server**, **database**, and the various **online services**

PRESIDENT FOR IT STUDENT ASSOCIATION   (April 2021 – Current)
▶ President for **UC's largest student organization** for IT students
▶ Providing **educational** and **networking opportunities** to enthusiastic students

WEBMASTER FOR THE ACM AT UC ORGANIZATION   (May 2020 – Current)
▶ **Managing** and **updating** the organization's **website**
▶ Plan **biweekly tech talks** and **workshops**

EXECUTIVE FOR THE UC ROTARACT CLUB   (August 2018 – Current)
▶ Hosting multiple **on-campus events** and **off-campus volunteering** projects
▶ Collaborating with the **Rotary Club** for **networking** and **professional development** events

AVAILABLE FOR CO-OP SUMMER 2022