{fullName}

{address} • {phone} • amcleverose@gmail.com • linkedin.com/in/amcleverose/

# PROFESSIONAL EXPERIENCE

**UCLA**, Los Angeles, California. May 2018 – Present

## Full-Stack React/Node Developer

* Developed front-end web pages according to Figma design in full responsive mode.
* Architected React SPA using the Container-View design pattern, Redux, context, custom hooks, and React Query
* Implemented React UI features with REST API integration using React, Redux-Saga, and Material-UI.
* Built a web application using Next.js from scratch for improving SEO with SSR.
* Refactored Existing code base, fine-tuning, performance improvement, bug fix, or new feature implementation according to the new user story.
* Improved code efficiency by 20%.
* Reduced the bug count by 30%.
* Implemented 30 new features based on user stories.
* Developed unit testing and integration testing using Jest and the React testing library on React SPA.
  + Achieved a test coverage of 90%.
  + Identified and fixed 25 critical bugs through testing.
* Designed and implemented a backend REST API system using Node.js, Express, and MongoDB.
  + Improved API response time by 40%.
  + Increased data retrieval speed by 25%.
* Integrated 3rd party APIs such as Twilio Voice Message/SMS, Sendgrid, Stripe, Google Calendar, etc.
  + Successfully integrated 8 number of third-party APIs.
* Implemented JWT user authentication and authorization.
  + Ensured secure user authentication and authorization.
  + Reduced unauthorized access attempts by 30%.
* Collaborated with other team members using Git, Jira, Teams, and Slack in the agile development process within 2 weeks of sprints.
* Deployed the frontend SPA into an AWS EC2 instance using the Nginx service.
* Deployed the backend REST API into an AWS EC2 instance using the PM2 service.
* Developed an AWS Lambda function using the Serverless framework in Node.js.
* Managed AWS S3, DynamoDB, RDS, and Amplify Platform

**BMR Thermal Inc**, Portsmouth, NH. Feb 2016 – Apr 2018

**Full Stack Software Developer**

* Implemented frontend SPA using AngularJS, Angular, HTML5, CSS3, JavaScript, and TypeScript.
  + Achieved a 20% improvement in page load time by optimizing code and reducing HTTP requests.
  + Enhanced user experience, resulting in a 15% increase in user engagement.
* Designed and developed a custom CRM system from scratch according to business logic and the user story with the MERN stack.
  + Successfully implemented 5 number of key CRM features, improving customer data management and workflow efficiency by 30%.
  + Reduced system response time by 40% through code optimization and efficient use of database queries.
* Developed a backend REST API system from scratch with architecture in Node.js, the Express framework, and MongoDB.
  + Implemented robust API endpoints, supporting 1000 number of concurrent users and handling 1000 number of requests per second.
  + Achieved 99.9% uptime and ensured high availability with an average response time of 1.5 milliseconds.
* Built websites with Figma or PSD design using HTML5, CSS3, Bootstrap, jQuery, and JavaScript.
  + Translated design mockups into pixel-perfect websites, ensuring cross-browser compatibility and responsive layout.
  + Achieved a 25% increase in conversion rates by optimizing page load time and improving the user experience.
* DB query fetching time is reduced by MySQL database performance tuning, such as query, index, and schema tuning.
  + Improved query response time by 40% through efficient indexing and query optimization techniques.
  + Achieved a 30% reduction in database query execution time, improving overall application performance.
* Developed web applications using PHP and Python and their own MVC frameworks such as Laravel, Django, Flask, etc.
* Implemented scalable web applications with a modular code architecture, ensuring code maintainability and extensibility.
* Reduced code complexity by 20% through efficient use of design patterns and separation of concerns.
* Deployed web applications into the cloud—like GoDaddy, AWS, Netlify, and Heroku.
  + Successfully deployed 3 of web applications on cloud platforms, ensuring high availability and scalability.
  + Reduced deployment time by 50% through automation of deployment processes using CI/CD pipelines.

**Formless**, Portsmouth, NH. Apr 2014 – Feb 2016

**Full Stack Software Developer**

* Developed frontend SPAs using JavaScript, React, Angular, or Vue, resulting in 25% faster page load times and a 40% increase in user engagement.
  + Improved page load time by implementing performance optimization techniques, resulting in a 25% faster page load.
  + Increased user engagement by enhancing the user experience and improving the overall responsiveness of the application.
* Implemented backend REST APIs using PHP, Python, Laravel, Django, C#, or Java, achieving an average response time of less than 100 milliseconds and handling over 10,000 concurrent requests.
  + Optimized API response time through efficient coding practices, resulting in an average response time of less than 100 milliseconds.
  + Designed scalable backend systems capable of handling over 10,000 concurrent requests without compromising performance.
* Designed and implemented efficient MySQL and MongoDB databases, optimizing query performance and reducing query execution time by 30%.
  + Improved database query performance through proper indexing and query optimization techniques, resulting in a 30% reduction in query execution time.
  + Optimized database schema design and implemented caching mechanisms for faster data retrieval.
* Successfully deployed web applications to AWS, Netlify, and GCP cloud platforms, achieving 99.9% uptime and reducing server response time by 30%.
  + Ensured high availability of web applications with 99.9% uptime on cloud platforms.
  + Reduced server response time by optimizing server configurations and implementing performance tuning measures.
* Implemented Agile development processes, utilizing Scrum or Kanban methodologies, resulting in a 20% increase in team productivity and on-time delivery of projects.
  + Improved team productivity by 20% through effective agile project management methodologies.
  + Consistently delivered projects on time by implementing efficient task tracking and prioritization techniques.
* Collaborated with cross-functional teams using Git, Jira, and Slack, improving communication and reducing development cycle time by 25%.
  + Enhanced team collaboration and communication by utilizing tools like Git, Jira, and Slack.
  + Reduced development cycle time by 25% through efficient coordination and streamlined communication channels.
* Conducted code reviews and implemented best practices, resulting in a 40% reduction in bugs and improved codebase maintainability.
  + Improved code quality by conducting thorough code reviews and implementing industry best practices.
  + Achieved a 40% reduction in bugs through rigorous code inspection and adherence to coding standards.
* Implemented performance optimization techniques such as caching, lazy loading, and code splitting, resulting in a 50% improvement in application performance and a 20% decrease in page load time.
  + Improved application performance by 50% through the implementation of performance optimization techniques.
  + Reduced page load time by 20% through efficient use of caching, lazy loading, and code splitting.
* Designed and implemented secure user authentication and authorization systems, reducing unauthorized access attempts by 70%.
  + Ensured secure user authentication and authorization by implementing robust systems.
  + Mitigated unauthorized access attempts by implementing stringent security measures, resulting in a 70% reduction.

# EDUCATION

**Bowie State University,** Bowie, MD Apr 2010

Bachelor of Computer Engineering; Major in Computer Science

# SKILLS

* React
* Node
* PHP
* Next.js
* Python
* Javascript
* Typescript
* jQuery
* HTML5
* CSS3
* AWS
* MySQL/MongoDB